

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019665.D
 Acq On : 03 Aug 2021 17:54
 Operator : SY/VA
 Sample : VW0803SBS01
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:36 PM

Quant Time: Aug 04 06:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 16:22:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.952	168	653298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	1109131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	997370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	485248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	436528	52.520	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.040%			
35) Dibromofluoromethane	7.891	113	370700	50.564	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.120%			
50) Toluene-d8	10.323	98	1478683	51.612	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.615	95	537176	52.549	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	75097	20.491	ug/l	99
3) Chloromethane	2.215	50	100156	20.062	ug/l	96
4) Vinyl Chloride	2.367	62	152127	20.928	ug/l	99
5) Bromomethane	2.776	94	112571	20.691	ug/l	96
6) Chloroethane	2.922	64	103669	22.431	ug/l	97
7) Trichlorofluoromethane	3.263	101	119349	21.624	ug/l	92
8) Diethyl Ether	3.690	74	78647	23.021	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.074	101	142964	21.666	ug/l	98
10) Methyl Iodide	4.275	142	180985	21.287	ug/l	97
11) Tert butyl alcohol	5.196	59	49037	138.127	ug/l	97
12) 1,1-Dichloroethene	4.044	96	137413	21.110	ug/l	92
13) Acrolein	3.897	56	30749	86.771	ug/l	99
14) Allyl chloride	4.672	41	207166	22.059	ug/l	90
15) Acrylonitrile	5.367	53	173619	118.103	ug/l	99
16) Acetone	4.135	43	146852	119.582	ug/l	95
17) Carbon Disulfide	4.385	76	375335	21.804	ug/l	100
18) Methyl Acetate	4.678	43	85533	25.327	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	223079	23.307	ug/l	100
20) Methylene Chloride	4.922	84	302611	35.788	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	157876	21.888	ug/l	97
22) Diisopropyl ether	6.312	45	445558	22.276	ug/l	92
23) Vinyl Acetate	6.257	43	1359694	116.564	ug/l	100
24) 1,1-Dichloroethane	6.220	63	296559	21.482	ug/l	99
25) 2-Butanone	7.177	43	213665	120.323	ug/l	99
26) 2,2-Dichloropropane	7.171	77	174295	22.748	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	174745	21.978	ug/l	99
28) Bromochloromethane	7.513	49	122234	22.469	ug/l	97
29) Tetrahydrofuran	7.537	42	139878	122.855	ug/l	98
30) Chloroform	7.677	83	299896	21.405	ug/l	98
31) Cyclohexane	7.958	56	258030	21.190	ug/l	92
32) 1,1,1-Trichloroethane	7.872	97	240483	22.114	ug/l	98
36) 1,1-Dichloropropene	8.086	75	234785	21.600	ug/l	99
37) Ethyl Acetate	7.257	43	107760	25.562	ug/l	98
38) Carbon Tetrachloride	8.073	117	216529	21.504	ug/l	98
39) Methylcyclohexane	9.335	83	276054	22.112	ug/l	96
40) Benzene	8.323	78	646713	21.603	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019665.D
 Acq On : 03 Aug 2021 17:54
 Operator : SY/VA
 Sample : VW0803SBS01
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:36 PM

Quant Time: Aug 04 06:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 16:22:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	56368	23.725	ug/l	89
42) 1,2-Dichloroethane	8.403	62	204214	21.795	ug/l	99
43) Isopropyl Acetate	8.427	43	188449	23.567	ug/l	99
44) Trichloroethene	9.092	130	165725	21.523	ug/l	96
45) 1,2-Dichloropropane	9.372	63	160547	21.177	ug/l	95
46) Dibromomethane	9.463	93	87917	21.926	ug/l	99
47) Bromodichloromethane	9.646	83	214091	21.380	ug/l	100
48) Methyl methacrylate	9.439	41	81280	22.872	ug/l	93
49) 1,4-Dioxane	9.463	88	24148	462.701	ug/l #	99
51) 4-Methyl-2-Pentanone	10.207	43	511475	122.261	ug/l	97
52) Toluene	10.390	92	409061	21.691	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	213272	21.815	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	248005	21.696	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	121421	21.664	ug/l	98
56) Ethyl methacrylate	10.646	69	154494	22.920	ug/l	96
57) 1,3-Dichloropropane	10.933	76	217444	21.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	309812	98.952	ug/l	99
59) 2-Hexanone	10.969	43	344499	122.131	ug/l	96
60) Dibromochloromethane	11.128	129	132765	21.778	ug/l	96
61) 1,2-Dibromoethane	11.238	107	114733	21.954	ug/l	99
64) Tetrachloroethene	10.866	164	134564	21.739	ug/l	97
65) Chlorobenzene	11.658	112	424928	21.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	145534	21.472	ug/l	97
67) Ethyl Benzene	11.731	91	780297	21.744	ug/l	100
68) m/p-Xylenes	11.841	106	606228	44.224	ug/l	100
69) o-Xylene	12.164	106	275435	21.687	ug/l	95
70) Styrene	12.182	104	472785	22.027	ug/l	99
71) Bromoform	12.347	173	71910	22.085	ug/l #	97
73) Isopropylbenzene	12.463	105	771680	22.464	ug/l	99
74) N-amyl acetate	12.274	43	173338	23.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	149009	23.612	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	101993m	22.077	ug/l	
77) Bromobenzene	12.743	156	164201	21.777	ug/l	96
78) n-propylbenzene	12.804	91	962024	22.776	ug/l	99
79) 2-Chlorotoluene	12.890	91	545662	22.033	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	654834	22.360	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	42124	23.450	ug/l	93
82) 4-Chlorotoluene	12.987	91	582680	22.623	ug/l	99
83) tert-Butylbenzene	13.207	119	560986	22.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	665932	22.838	ug/l	99
85) sec-Butylbenzene	13.384	105	870764	22.787	ug/l	99
86) p-Isopropyltoluene	13.499	119	707051	22.549	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	354876	22.339	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	343969	21.778	ug/l	99
89) n-Butylbenzene	13.822	91	700007	22.692	ug/l	98
90) Hexachloroethane	14.091	117	123399	21.571	ug/l	90
91) 1,2-Dichlorobenzene	13.865	146	310354	22.239	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	25410	24.722	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	194473	22.462	ug/l	94
94) Hexachlorobutadiene	15.231	225	110106	21.877	ug/l	98
95) Naphthalene	15.365	128	386626	23.710	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	171354	22.390	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019665.D
 Acq On : 03 Aug 2021 17:54
 Operator : SY/VA
 Sample : VW0803SBSD01
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:36 PM

Quant Time: Aug 04 06:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 16:22:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
Data File : VW019665.D
Acq On : 03 Aug 2021 17:54
Operator : SY/VA
Sample : VW0803SBSD01
Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0803SBSD01

Manual Integrations
APPROVED

MMDadoda
8/4/2021 7:04:36 PM

Quant Time: Aug 04 06:48:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 16:22:46 2021
Response via : Initial Calibration

