

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
 Data File : VW018364.D
 Acq On : 18 Mar 2021 11:37
 Operator : SY/VA
 Sample : VD0318SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VD0318SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2021 3:32:44 PM

Quant Time: Mar 18 16:41:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:51:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	364025	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	613290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	559902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	282069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	195721	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	7.891	113	172498	48.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	10.323	98	689504	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.615	95	257590	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	53704	20.74	ug/l	94
3) Chloromethane	2.221	50	79581	19.87	ug/l	99
4) Vinyl Chloride	2.367	62	103186	26.65	ug/l	97
5) Bromomethane	2.782	94	76463	24.21	ug/l	100
6) Chloroethane	2.928	64	71193	23.51	ug/l	98
7) Trichlorofluoromethane	3.263	101	55679	18.51	ug/l	99
8) Diethyl Ether	3.678	74	38609	21.26	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.074	101	73473	21.61	ug/l	98
10) Methyl Iodide	4.275	142	106884	21.38	ug/l	96
11) Tert butyl alcohol	5.159	59	23570	99.63	ug/l	# 94
12) 1,1-Dichloroethene	4.044	96	74738	21.36	ug/l	88
13) Acrolein	3.897	56	21531	127.58	ug/l	100
14) Allyl chloride	4.665	41	98376	20.63	ug/l	96
15) Acrylonitrile	5.360	53	75938	105.62	ug/l	99
16) Acetone	4.123	43	59843	102.99	ug/l	98
17) Carbon Disulfide	4.385	76	203077	22.11	ug/l	99
18) Methyl Acetate	4.672	43	29612	19.41	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	107746	20.52	ug/l	99
20) Methylene Chloride	4.915	84	91919	22.08	ug/l	93
21) trans-1,2-Dichloroethene	5.421	96	85571	20.79	ug/l	90
22) Diisopropyl ether	6.312	45	209437	21.38	ug/l	97
23) Vinyl Acetate	6.251	43	642199	105.98	ug/l	97
24) 1,1-Dichloroethane	6.214	63	150648	21.45	ug/l	99
25) 2-Butanone	7.171	43	89683	104.17	ug/l	91
26) 2,2-Dichloropropane	7.165	77	95151	21.07	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	95254	21.23	ug/l	93
28) Bromochloromethane	7.513	49	58304	21.25	ug/l	88
29) Tetrahydrofuran	7.531	42	57661	103.21	ug/l	97
30) Chloroform	7.677	83	154813	20.91	ug/l	98
31) Cyclohexane	7.958	56	139435	20.95	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	128567	21.35	ug/l	98
36) 1,1-Dichloropropene	8.086	75	125656	20.74	ug/l	100
37) Ethyl Acetate	7.250	43	42656	20.13	ug/l	97
38) Carbon Tetrachloride	8.067	117	121764	21.50	ug/l	# 95
39) Methylcyclohexane	9.335	83	161621	21.07	ug/l	95
40) Benzene	8.323	78	343139	21.15	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
 Data File : VW018364.D
 Acq On : 18 Mar 2021 11:37
 Operator : SY/VA
 Sample : VD0318SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VD0318SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2021 3:32:44 PM

Quant Time: Mar 18 16:41:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:51:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	23185	20.23	ug/l	92
42) 1,2-Dichloroethane	8.403	62	108703	21.34	ug/l	99
43) Isopropyl Acetate	8.421	43	86824	20.41	ug/l	96
44) Trichloroethene	9.091	130	91682	20.99	ug/l	99
45) 1,2-Dichloropropane	9.366	63	80997	20.67	ug/l	99
46) Dibromomethane	9.457	93	46643	21.31	ug/l	99
47) Bromodichloromethane	9.646	83	118660	20.84	ug/l	96
48) Methyl methacrylate	9.433	41	43188	21.41	ug/l	94
49) 1,4-Dioxane	9.445	88	13555	426.79	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	211381	101.77	ug/l	96
52) Toluene	10.384	92	224679	21.00	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	118066	20.36	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	137335	20.75	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	61818	20.87	ug/l	97
56) Ethyl methacrylate	10.646	69	78472	20.37	ug/l	97
57) 1,3-Dichloropropane	10.933	76	111362	21.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	190798	97.60	ug/l	95
59) 2-Hexanone	10.969	43	145552	101.79	ug/l	98
60) Dibromochloromethane	11.128	129	75216	20.61	ug/l	98
61) 1,2-Dibromoethane	11.231	107	60586	20.81	ug/l	97
64) Tetrachloroethene	10.866	164	71575	20.04	ug/l #	90
65) Chlorobenzene	11.658	112	237062	20.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	82038	20.55	ug/l	98
67) Ethyl Benzene	11.731	91	438174	20.48	ug/l	98
68) m/p-Xylenes	11.841	106	336735	41.49	ug/l	100
69) o-Xylene	12.164	106	154920	20.40	ug/l	99
70) Styrene	12.182	104	257903	20.32	ug/l	98
71) Bromoform	12.347	173	41849	20.57	ug/l #	98
73) Isopropylbenzene	12.463	105	443139	20.85	ug/l	99
74) N-amyl acetate	12.274	43	83991	20.09	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	70884	20.45	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	48910m	18.86	ug/l	
77) Bromobenzene	12.743	156	93897	20.64	ug/l	97
78) n-propylbenzene	12.804	91	524680	20.71	ug/l	99
79) 2-Chlorotoluene	12.890	91	302401	20.84	ug/l	94
80) 1,3,5-Trimethylbenzene	12.944	105	377446	20.60	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	22551	19.03	ug/l	96
82) 4-Chlorotoluene	12.987	91	321737	21.03	ug/l	98
83) tert-Butylbenzene	13.207	119	322713	20.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	383755	20.91	ug/l	100
85) sec-Butylbenzene	13.383	105	448286	20.48	ug/l	98
86) p-Isopropyltoluene	13.493	119	409808	20.84	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	187217	20.39	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	188089	20.55	ug/l	97
89) n-Butylbenzene	13.822	91	411272	21.08	ug/l	98
90) Hexachloroethane	14.091	117	74132	20.52	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	169959	21.02	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12655	19.69	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	116681	20.38	ug/l	94
94) Hexachlorobutadiene	15.231	225	65804	20.29	ug/l	90
95) Naphthalene	15.365	128	219944	20.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	97351	20.44	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
Data File : VW018364.D
Acq On : 18 Mar 2021 11:37
Operator : SY/VA
Sample : VD0318SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VD0318SBSD01

Manual Integrations
APPROVED

MMDadoda
3/19/2021 3:32:44 PM

Quant Time: Mar 18 16:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 18:51:14 2021
Response via : Initial Calibration

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

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

