

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW020000.D
 Acq On : 08 Sep 2021 14:10
 Operator : SY/VA
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:50:15 AM

Quant Time: Sep 09 04:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 04:27:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	181090	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	303262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	276250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	137828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	104278	49.603	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.200%		
35) Dibromofluoromethane	7.891	113	94656	47.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.060%		
50) Toluene-d8	10.329	98	361693	48.857	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.615	95	128612	46.952	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	4502	4.094	ug/l	98
3) Chloromethane	2.215	50	9063	5.536	ug/l	98
4) Vinyl Chloride	2.373	62	13642	5.139	ug/l	98
5) Bromomethane	2.788	94	11140	5.177	ug/l	99
6) Chloroethane	2.928	64	9168	5.014	ug/l	99
7) Trichlorofluoromethane	3.270	101	7428	4.891	ug/l	99
8) Diethyl Ether	3.690	74	4481	4.818	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.080	101	10238	5.163	ug/l	99
10) Methyl Iodide	4.288	142	13325	4.907	ug/l	98
11) Tert butyl alcohol	5.178	59	4666m	46.371	ug/l	
12) 1,1-Dichloroethene	4.050	96	9646	5.162	ug/l	92
13) Acrolein	3.897	56	2057	26.828	ug/l	97
14) Allyl chloride	4.678	41	12506	4.921	ug/l	98
15) Acrylonitrile	5.379	53	9453	24.393	ug/l	95
16) Acetone	4.129	43	11197	33.161	ug/l	95
17) Carbon Disulfide	4.397	76	28130	4.947	ug/l	98
18) Methyl Acetate	4.678	43	5485	5.722	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	11800	4.787	ug/l	# 91
20) Methylene Chloride	4.922	84	34017	13.397	ug/l	97
21) trans-1,2-Dichloroethene	5.434	96	10785	5.082	ug/l	98
22) Diisopropyl ether	6.312	45	24046	4.465	ug/l	# 88
23) Vinyl Acetate	6.263	43	62675	21.334	ug/l	100
24) 1,1-Dichloroethane	6.226	63	19554	5.128	ug/l	97
25) 2-Butanone	7.183	43	13586	28.065	ug/l	96
26) 2,2-Dichloropropane	7.165	77	13725	5.952	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	11131	4.911	ug/l	91
28) Bromochloromethane	7.513	49	7825	5.170	ug/l	93
29) Tetrahydrofuran	7.537	42	7366	24.458	ug/l	97
30) Chloroform	7.683	83	20131	5.010	ug/l	98
31) Cyclohexane	7.964	56	19488	5.686	ug/l	# 92
32) 1,1,1-Trichloroethane	7.878	97	16474	5.067	ug/l	97
36) 1,1-Dichloropropene	8.092	75	15419	4.833	ug/l	99
37) Ethyl Acetate	7.257	43	6477	5.522	ug/l	99
38) Carbon Tetrachloride	8.074	117	15493	4.763	ug/l	99
39) Methylcyclohexane	9.335	83	16234	4.391	ug/l	94
40) Benzene	8.330	78	42657	4.854	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW020000.D
 Acq On : 08 Sep 2021 14:10
 Operator : SY/VA
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:50:15 AM

Quant Time: Sep 09 04:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 04:27:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	3201	4.930	ug/l #	69
42) 1,2-Dichloroethane	8.403	62	13323	4.938	ug/l	99
43) Isopropyl Acetate	8.433	43	10631	4.776	ug/l	100
44) Trichloroethene	9.098	130	11253	4.880	ug/l	99
45) 1,2-Dichloropropane	9.372	63	10308	4.824	ug/l	100
46) Dibromomethane	9.464	93	5653	4.690	ug/l	96
47) Bromodichloromethane	9.646	83	14008	4.664	ug/l	97
48) Methyl methacrylate	9.439	41	4071	4.180	ug/l	94
49) 1,4-Dioxane	9.457	88	1435	93.205	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	28059	24.309	ug/l	97
52) Toluene	10.390	92	27380	4.921	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	12549	4.356	ug/l	93
54) cis-1,3-Dichloropropene	10.073	75	14411	4.297	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	8017	4.907	ug/l	96
56) Ethyl methacrylate	10.646	69	7734	4.232	ug/l	96
57) 1,3-Dichloropropane	10.933	76	13343	4.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	19921	23.881	ug/l	99
59) 2-Hexanone	10.969	43	17356	22.500	ug/l	96
60) Dibromochloromethane	11.128	129	8972	4.744	ug/l	95
61) 1,2-Dibromoethane	11.238	107	7383	4.827	ug/l	97
64) Tetrachloroethene	10.860	164	9877	5.153	ug/l	92
65) Chlorobenzene	11.658	112	29304	4.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	9923	4.689	ug/l	97
67) Ethyl Benzene	11.731	91	47622	4.546	ug/l	97
68) m/p-Xylenes	11.841	106	36427	8.812	ug/l	99
69) o-Xylene	12.164	106	16480	4.351	ug/l	95
70) Styrene	12.183	104	25600	3.988	ug/l	98
71) Bromoform	12.353	173	4744	4.554	ug/l #	97
73) Isopropylbenzene	12.463	105	43481	4.459	ug/l	100
74) N-amyl acetate	12.274	43	8407	4.200	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	9341	5.216	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	6461m	5.047	ug/l	
77) Bromobenzene	12.750	156	11454	5.063	ug/l	98
78) n-propylbenzene	12.804	91	57428	4.676	ug/l	100
79) 2-Chlorotoluene	12.890	91	33703	4.715	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	37650	4.380	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2424	4.583	ug/l	97
82) 4-Chlorotoluene	12.987	91	35293	4.697	ug/l	97
83) tert-Butylbenzene	13.207	119	31786	4.414	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	37702	4.478	ug/l	99
85) sec-Butylbenzene	13.384	105	50085	4.582	ug/l	100
86) p-Isopropyltoluene	13.499	119	40431	4.392	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	23000	4.795	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	24229	5.090	ug/l	96
89) n-Butylbenzene	13.823	91	39396	4.467	ug/l	98
90) Hexachloroethane	14.091	117	8001	4.548	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	20764	4.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1503	5.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	11986	4.719	ug/l	98
94) Hexachlorobutadiene	15.231	225	7177	4.757	ug/l	93
95) Naphthalene	15.365	128	19227	4.375	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	10771	4.838	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
Data File : VW020000.D
Acq On : 08 Sep 2021 14:10
Operator : SY/VA
Sample : M2940-02 5PPBL0Q
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:50:15 AM

Quant Time: Sep 09 04:28:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 04:27:17 2021
Response via : Initial Calibration

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

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

