Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
Data File : VW019998.D
Acq On : 08 Sep 2021 13:23
Operator : SY/VA
Sample : M2940-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:11 AM

Quant Time: Sep 09 04:27:43 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	7.951	168	191271	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.848	114	313271	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	289359	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	143484	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	108791	48.995	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.000%				
35) Dibromofluoromethane	7.884	113	101664	49.417	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.840%				
50) Toluene-d8	10.323	98	387826	50.714	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.420%				
62) 4-Bromofluorobenzene	12.615	95	140078	49.504	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.019	85	2644	2.276	ug/l		91
3) Chloromethane	2.221	50	4831	2.794	ug/l		100
4) Vinyl Chloride	2.367	62	6154	2.195	ug/l		93
5) Bromomethane	2.782	94	5230	2.301	ug/l		96
6) Chloroethane	2.928	64	4454	2.306	ug/l		92
7) Trichlorofluoromethane	3.263	101	3177	1.981	ug/l		93
8) Diethyl Ether	3.684	74	2027	2.064	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.080	101	4680	2.235	ug/l		96
10) Methyl Iodide	4.275	142	6149	2.144	ug/l		99
11) Tert butyl alcohol	5.159	59	3289	30.946	ug/l	#	76
12) 1,1-Dichloroethene	4.037	96	4602	2.332	ug/l	#	67
13) Acrolein	3.897	56	988	12.200	ug/l		99
14) Allyl chloride	4.671	41	5401	2.012	ug/l		99
15) Acrylonitrile	5.373	53	4179	10.210	ug/l		97
16) Acetone	4.129	43	8108	22.734	ug/l		97
17) Carbon Disulfide	4.385	76	12493	2.080	ug/l		98
18) Methyl Acetate	4.671	43	2832	2.797	ug/l	#	88
19) Methyl tert-butyl Ether	5.421	73	5249	2.016	ug/l		91
20) Methylene Chloride	4.921	84	23859	8.896	ug/l		95
21) trans-1,2-Dichloroethene	5.440	96	4594	2.049	ug/l	#	79
22) Diisopropyl ether	6.317	45	9990	1.756	ug/l		97
23) Vinyl Acetate	6.263	43	26715	8.610	ug/l		98
24) 1,1-Dichloroethane	6.220	63	8515	2.114	ug/l		99
25) 2-Butanone	7.183	43	7358	14.390	ug/l		100
26) 2,2-Dichloropropane	7.165	77	7806	3.205	ug/l		84
27) cis-1,2-Dichloroethene	7.177	96	5006	2.091	ug/l		80
28) Bromochloromethane	7.512	49	3441	2.153	ug/l	#	96
29) Tetrahydrofuran	7.543	42	3246	10.204	ug/l		97
30) Chloroform	7.683	83	9053	2.133	ug/l		99
31) Cyclohexane	7.957	56	11111	3.070	ug/l	#	74
32) 1,1,1-Trichloroethane	7.872	97	7299	2.125	ug/l		99
36) 1,1-Dichloropropene	8.085	75	6993	2.122	ug/l		98
37) Ethyl Acetate	7.256	43	3656	3.017	ug/l	#	93
38) Carbon Tetrachloride	8.067	117	6783	2.019	ug/l		94
39) Methylcyclohexane	9.335	83	7544	1.975	ug/l		93
40) Benzene	8.329	78	19134	2.108	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
Data File : VW019998.D
Acq On : 08 Sep 2021 13:23
Operator : SY/VA
Sample : M2940-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:11 AM

Quant Time: Sep 09 04:27:43 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	1024	1.527	ug/l		94
42) 1,2-Dichloroethane	8.402	62	5922	2.125	ug/l		100
43) Isopropyl Acetate	8.427	43	4616	2.007	ug/l	#	81
44) Trichloroethene	9.091	130	5443	2.285	ug/l		85
45) 1,2-Dichloropropane	9.372	63	4698	2.128	ug/l		94
46) Dibromomethane	9.457	93	2641	2.121	ug/l		98
47) Bromodichloromethane	9.646	83	6373	2.054	ug/l		93
48) Methyl methacrylate	9.445	41	1826	1.815	ug/l	#	88
49) 1,4-Dioxane	9.463	88	494	31.061	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.213	43	12854	10.780	ug/l		97
52) Toluene	10.390	92	12549	2.184	ug/l		96
53) t-1,3-Dichloropropene	10.609	75	5399	1.814	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	6637	1.916	ug/l		94
55) 1,1,2-Trichloroethane	10.786	97	3606	2.137	ug/l	#	91
56) Ethyl methacrylate	10.652	69	3432	1.818	ug/l		94
57) 1,3-Dichloropropane	10.933	76	5861	2.024	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	8895	10.322	ug/l		99
59) 2-Hexanone	10.969	43	7282	9.139	ug/l		91
60) Dibromochloromethane	11.128	129	3651	1.869	ug/l		97
61) 1,2-Dibromoethane	11.237	107	3163	2.002	ug/l		97
64) Tetrachloroethene	10.865	164	4281	2.132	ug/l		96
65) Chlorobenzene	11.658	112	13215	2.125	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	4297	1.939	ug/l		98
67) Ethyl Benzene	11.731	91	21134	1.926	ug/l		98
68) m/p-Xylenes	11.841	106	15844	3.659	ug/l		96
69) o-Xylene	12.164	106	6477	1.632	ug/l		89
70) Styrene	12.182	104	10411	1.548	ug/l		96
71) Bromoform	12.347	173	2132	1.954	ug/l	#	94
73) Isopropylbenzene	12.463	105	18524	1.825	ug/l		97
74) N-amyl acetate	12.274	43	3518	1.688	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	4086	2.192	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	3403m	2.553	ug/l		
77) Bromobenzene	12.743	156	5205	2.210	ug/l		96
78) n-propylbenzene	12.804	91	26248	2.053	ug/l		100
79) 2-Chlorotoluene	12.889	91	15070	2.025	ug/l		97
80) 1,3,5-Trimethylbenzene	12.944	105	15914	1.778	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.512	75	1027m	1.865	ug/l		
82) 4-Chlorotoluene	12.987	91	15070	1.926	ug/l		96
83) tert-Butylbenzene	13.207	119	13528	1.805	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	15487	1.767	ug/l		96
85) sec-Butylbenzene	13.383	105	21106	1.855	ug/l		100
86) p-Isopropyltoluene	13.493	119	17114	1.786	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	10307	2.064	ug/l		98
88) 1,4-Dichlorobenzene	13.578	146	11459	2.312	ug/l		88
89) n-Butylbenzene	13.822	91	17924	1.952	ug/l		95
90) Hexachloroethane	14.090	117	3920	2.141	ug/l		91
91) 1,2-Dichlorobenzene	13.871	146	9134	2.106	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	726	2.373	ug/l		91
93) 1,2,4-Trichlorobenzene	15.133	180	5621	2.126	ug/l		94
94) Hexachlorobutadiene	15.237	225	3258	2.074	ug/l		90
95) Naphthalene	15.365	128	8860	1.937	ug/l		97
96) 1,2,3-Trichlorobenzene	15.554	180	4931	2.127	ug/l		94

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
Data File : VW019998.D
Acq On : 08 Sep 2021 13:23
Operator : SY/VA
Sample : M2940-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:11 AM

Quant Time: Sep 09 04:27:43 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
Data File : VW019998.D
Acq On : 08 Sep 2021 13:23
Operator : SY/VA
Sample : M2940-01 2.5PPBLOD
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 04:27:43 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

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:11 AM