Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
Data File : VW019667.D
Acq On : 03 Aug 2021 18:42
Operator : SY/VA
Sample : M2940-01 4PPBLOD
Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
8/4/2021 7:04:40 PM

Quant Time: Aug 04 07:02:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 04 07:01:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.952	168	605977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	1052834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	938957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	457430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	391988	50.844	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.680%			
35) Dibromofluoromethane	7.891	113	341307	49.044	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.080%			
50) Toluene-d8	10.323	98	1346433	49.509	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.615	95	473037	48.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	17802	5.237	ug/l	98
3) Chloromethane	2.215	50	23437	5.061	ug/l	91
4) Vinyl Chloride	2.361	62	31775	4.713	ug/l	94
5) Bromomethane	2.788	94	24885	4.931	ug/l	96
6) Chloroethane	2.928	64	21149	4.933	ug/l	94
7) Trichlorofluoromethane	3.263	101	21118	4.125	ug/l	94
8) Diethyl Ether	3.690	74	14250	4.497	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.074	101	27663	4.520	ug/l	99
10) Methyl Iodide	4.269	142	32452	4.115	ug/l	94
11) Tert butyl alcohol	5.245	59	8748m	26.565	ug/l	
12) 1,1-Dichloroethene	4.044	96	25562	4.234	ug/l	93
13) Acrolein	3.903	56	6400	19.471	ug/l	99
14) Allyl chloride	4.678	41	37122	4.261	ug/l	91
15) Acrylonitrile	5.385	53	29405	21.565	ug/l	96
16) Acetone	4.147	43	29350	25.766	ug/l	94
17) Carbon Disulfide	4.391	76	72754	4.556	ug/l	99
18) Methyl Acetate	4.684	43	17789	5.245	ug/l	96
19) Methyl tert-butyl Ether	5.428	73	37983	4.278	ug/l	98
20) Methylene Chloride	4.922	84	194044	19.673	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	29784	4.452	ug/l	97
22) Diisopropyl ether	6.312	45	73865	3.981	ug/l #	88
23) Vinyl Acetate	6.263	43	192326	17.775	ug/l	100
24) 1,1-Dichloroethane	6.220	63	55080	4.301	ug/l	97
25) 2-Butanone	7.189	43	31470	19.106	ug/l	98
26) 2,2-Dichloropropane	7.171	77	31760	4.469	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	31315	4.246	ug/l	95
28) Bromochloromethane	7.513	49	20756	4.113	ug/l	100
29) Tetrahydrofuran	7.543	42	21136	20.013	ug/l	99
30) Chloroform	7.683	83	57421	4.419	ug/l	97
31) Cyclohexane	7.952	56	58751	5.202	ug/l #	71
32) 1,1,1-Trichloroethane	7.878	97	44957	4.457	ug/l	96
36) 1,1-Dichloropropene	8.086	75	43479	4.214	ug/l	100
37) Ethyl Acetate	7.263	43	16915	4.227	ug/l	99
38) Carbon Tetrachloride	8.067	117	40585	4.246	ug/l	99
39) Methylcyclohexane	9.335	83	49654	4.190	ug/l	97
40) Benzene	8.329	78	122078	4.296	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
Data File : VW019667.D
Acq On : 03 Aug 2021 18:42
Operator : SY/VA
Sample : M2940-01 4PPBLOD
Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
8/4/2021 7:04:40 PM

Quant Time: Aug 04 07:02:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 04 07:01:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	8405	3.727	ug/l	#	87
42) 1,2-Dichloroethane	8.403	62	38317	4.308	ug/l		100
43) Isopropyl Acetate	8.433	43	30152	3.972	ug/l		98
44) Trichloroethene	9.098	130	30526	4.176	ug/l		98
45) 1,2-Dichloropropane	9.372	63	28209	3.920	ug/l		97
46) Dibromomethane	9.463	93	15855	4.166	ug/l		97
47) Bromodichloromethane	9.646	83	38744	4.076	ug/l		99
48) Methyl methacrylate	9.439	41	12082	3.582	ug/l	#	88
49) 1,4-Dioxane	9.488	88	4091	82.579	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.213	43	76753	19.328	ug/l		94
52) Toluene	10.390	92	77966	4.355	ug/l		95
53) t-1,3-Dichloropropene	10.610	75	35873	3.865	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	42257	3.894	ug/l		93
55) 1,1,2-Trichloroethane	10.792	97	21577	4.056	ug/l		93
56) Ethyl methacrylate	10.646	69	23129	3.615	ug/l		97
57) 1,3-Dichloropropane	10.933	76	37051	3.943	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	50234	16.902	ug/l		100
59) 2-Hexanone	10.969	43	47987	17.922	ug/l		94
60) Dibromochloromethane	11.128	129	22747	3.931	ug/l		95
61) 1,2-Dibromoethane	11.238	107	19790	3.989	ug/l		96
64) Tetrachloroethene	10.866	164	26104	4.479	ug/l		94
65) Chlorobenzene	11.658	112	80024	4.295	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.731	131	25710	4.029	ug/l		99
67) Ethyl Benzene	11.731	91	137834	4.080	ug/l		95
68) m/p-Xylenes	11.841	106	101438	7.860	ug/l		98
69) o-Xylene	12.164	106	46389	3.880	ug/l		97
70) Styrene	12.182	104	75635	3.743	ug/l		98
71) Bromoform	12.347	173	11571	3.775	ug/l	#	92
73) Isopropylbenzene	12.463	105	126691	3.912	ug/l		99
74) N-amyl acetate	12.274	43	24621	3.614	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.713	83	25453	4.279	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	20902m	4.800	ug/l		
77) Bromobenzene	12.749	156	29259	4.116	ug/l		98
78) n-propylbenzene	12.804	91	166437	4.180	ug/l		99
79) 2-Chlorotoluene	12.890	91	96084	4.116	ug/l		95
80) 1,3,5-Trimethylbenzene	12.945	105	109465	3.965	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.518	75	6109m	3.608	ug/l		
82) 4-Chlorotoluene	12.987	91	101631	4.186	ug/l		99
83) tert-Butylbenzene	13.207	119	94070	3.965	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	108599	3.951	ug/l		100
85) sec-Butylbenzene	13.383	105	145935	4.051	ug/l		100
86) p-Isopropyltoluene	13.499	119	117717	3.982	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	63147	4.217	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	66410	4.460	ug/l		95
89) n-Butylbenzene	13.822	91	116027	3.990	ug/l		97
90) Hexachloroethane	14.091	117	21675	4.019	ug/l		90
91) 1,2-Dichlorobenzene	13.865	146	52929	4.023	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	4343	4.482	ug/l		87
93) 1,2,4-Trichlorobenzene	15.133	180	34683	4.250	ug/l		99
94) Hexachlorobutadiene	15.231	225	20824	4.389	ug/l		98
95) Naphthalene	15.365	128	57485	3.778	ug/l		98
96) 1,2,3-Trichlorobenzene	15.554	180	31990	4.434	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
Data File : VW019667.D
Acq On : 03 Aug 2021 18:42
Operator : SY/VA
Sample : M2940-01 4PPBLOD
Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
8/4/2021 7:04:40 PM

Quant Time: Aug 04 07:02:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 04 07:01:49 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 : VW019667.D
Acq On : 03 Aug 2021 18:42
Operator : SY/VA
Sample : M2940-01 4PPBLOD
Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 07:02:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 04 07:01:49 2021
Response via : Initial Calibration

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

Manual Integrations APPROVED
MMDadoda
8/4/2021 7:04:40 PM