Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069887.D
Acq On : 28 Jul 2021 14:28
Operator : VA/SY
Sample : M2940-03 2.5PPBMDL
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/29/2021 4:11:43 PM

Quant Time: Jul 29 05:04:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 05:03:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	647309	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	1227020	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	1170874	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	521722	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	416245	55.912	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.820%				
35) Dibromofluoromethane	7.914	113	411131	53.151	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.300%				
50) Toluene-d8	10.338	98	1528654	51.252	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.500%				
62) 4-Bromofluorobenzene	12.626	95	509991	51.163	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.320%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	17213	2.526	ug/l		99
3) Chloromethane	2.209	50	25687	2.599	ug/l		94
4) Vinyl Chloride	2.344	62	26360	2.536	ug/l		98
5) Bromomethane	2.768	94	22057	3.240	ug/l		98
6) Chloroethane	2.921	64	18017	2.674	ug/l		100
7) Trichlorofluoromethane	3.268	101	35103	2.735	ug/l		93
8) Diethyl Ether	3.709	74	9024	2.500	ug/l		85
9) 1,1,2-Trichlorotrifluo...	4.097	101	22426	2.752	ug/l		97
10) Methyl Iodide	4.297	142	14378	2.019	ug/l		97
11) Tert butyl alcohol	5.215	59	8564m	22.232	ug/l		
12) 1,1-Dichloroethene	4.073	96	19654	2.654	ug/l	#	77
13) Acrolein	3.926	56	5400	10.014	ug/l	#	66
14) Allyl chloride	4.709	41	26116	2.405	ug/l		97
15) Acrylonitrile	5.426	53	20260	11.931	ug/l		95
16) Acetone	4.150	43	19534	14.525	ug/l	#	72
17) Carbon Disulfide	4.409	76	63516	2.399	ug/l		96
18) Methyl Acetate	4.732	43	12556	3.218	ug/l		99
19) Methyl tert-butyl Ether	5.473	73	35948	2.343	ug/l		100
20) Methylene Chloride	4.962	84	89041	7.269	ug/l		93
21) trans-1,2-Dichloroethene	5.468	96	21531	2.467	ug/l		94
22) Diisopropyl ether	6.356	45	46967	1.991	ug/l	#	86
23) Vinyl Acetate	6.309	43	91001m	8.051	ug/l		
24) 1,1-Dichloroethane	6.262	63	43765	2.685	ug/l		98
25) 2-Butanone	7.209	43	21310	11.685	ug/l		98
26) 2,2-Dichloropropane	7.209	77	31182	2.516	ug/l		97
27) cis-1,2-Dichloroethene	7.209	96	24546	2.636	ug/l		98
28) Bromochloromethane	7.544	49	14888	2.406	ug/l		93
29) Tetrahydrofuran	7.567	42	12532	10.621	ug/l		96
30) Chloroform	7.703	83	45122	2.754	ug/l		94
31) Cyclohexane	7.979	56	47672	3.277	ug/l	#	78
32) 1,1,1-Trichloroethane	7.903	97	37854	2.791	ug/l		98
36) 1,1-Dichloropropene	8.114	75	30433	2.298	ug/l		98
37) Ethyl Acetate	7.291	43	12169	2.524	ug/l	#	92
38) Carbon Tetrachloride	8.091	117	27438	2.268	ug/l		95
39) Methylcyclohexane	9.350	83	40308	2.658	ug/l		96
40) Benzene	8.344	78	93810	2.445	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069887.D
Acq On : 28 Jul 2021 14:28
Operator : VA/SY
Sample : M2940-03 2.5PPBMDL
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/29/2021 4:11:43 PM

Quant Time: Jul 29 05:04:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 05:03:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.532	41	5502m	2.175 ug/l		
42) 1,2-Dichloroethane	8.426	62	26266	2.589 ug/l		98
43) Isopropyl Acetate	8.450	43	21103	2.441 ug/l		99
44) Trichloroethene	9.114	130	23558	2.494 ug/l		98
45) 1,2-Dichloropropane	9.385	63	24780	2.459 ug/l		93
46) Dibromomethane	9.473	93	11429	2.307 ug/l		92
47) Bromodichloromethane	9.661	83	30299	2.354 ug/l		92
48) Methyl methacrylate	9.456	41	9806m	2.358 ug/l		
49) 1,4-Dioxane	9.461	88	2361	45.117 ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	47437	10.544 ug/l		95
52) Toluene	10.403	92	55655	2.392 ug/l		92
53) t-1,3-Dichloropropene	10.614	75	25103	2.324 ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	29477	2.254 ug/l		95
55) 1,1,2-Trichloroethane	10.791	97	20682	2.956 ug/l		86
56) Ethyl methacrylate	10.655	69	19171	2.503 ug/l		96
57) 1,3-Dichloropropane	10.944	76	29402	2.484 ug/l		95
58) 2-Chloroethyl Vinyl ether	9.938	63	34407	10.486 ug/l		97
59) 2-Hexanone	10.979	43	33443	11.238 ug/l		84
60) Dibromochloromethane	11.132	129	19601	2.474 ug/l		100
61) 1,2-Dibromoethane	11.238	107	15184	2.411 ug/l		89
64) Tetrachloroethene	10.867	164	21111	2.828 ug/l		88
65) Chlorobenzene	11.661	112	62166	2.563 ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.738	131	21619	2.477 ug/l		94
67) Ethyl Benzene	11.738	91	96980	2.271 ug/l		95
68) m/p-Xylenes	11.850	106	69920	4.223 ug/l		99
69) o-Xylene	12.173	106	32656	2.170 ug/l		97
70) Styrene	12.185	104	49441	1.895 ug/l		96
71) Bromoform	12.355	173	10688	2.522 ug/l	#	100
73) Isopropylbenzene	12.473	105	81703	2.180 ug/l		100
74) N-amyl acetate	12.279	43	19934	2.585 ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.726	83	20712	2.767 ug/l		94
76) 1,2,3-Trichloropropane	12.779	75	13255m	2.390 ug/l		
77) Bromobenzene	12.749	156	22756	2.695 ug/l		95
78) n-propylbenzene	12.814	91	114226	2.372 ug/l		98
79) 2-Chlorotoluene	12.902	91	66824	2.389 ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	69562	2.169 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	4359m	2.385 ug/l		
82) 4-Chlorotoluene	12.997	91	69292	2.370 ug/l		97
83) tert-Butylbenzene	13.214	119	57652	2.211 ug/l		96
84) 1,2,4-Trimethylbenzene	13.261	105	65784	2.079 ug/l		99
85) sec-Butylbenzene	13.391	105	90433	2.194 ug/l		99
86) p-Isopropyltoluene	13.508	119	65716	1.963 ug/l		95
87) 1,3-Dichlorobenzene	13.508	146	44812	2.528 ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	47399	2.683 ug/l		88
89) n-Butylbenzene	13.832	91	68524	2.074 ug/l		99
90) Hexachloroethane	14.096	117	18337	2.585 ug/l		95
91) 1,2-Dichlorobenzene	13.885	146	37743	2.467 ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2875	2.667 ug/l		85
93) 1,2,4-Trichlorobenzene	15.149	180	21524	2.608 ug/l		95
94) Hexachlorobutadiene	15.249	225	13373	2.648 ug/l		97
95) Naphthalene	15.391	128	35672	2.421 ug/l		97
96) 1,2,3-Trichlorobenzene	15.579	180	18180	2.547 ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069887.D
Acq On : 28 Jul 2021 14:28
Operator : VA/SY
Sample : M2940-03 2.5PPBMDL
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/29/2021 4:11:43 PM

Quant Time: Jul 29 05:04:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 05:03:28 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_D\Data\VD072821\
Data File : VD069887.D
Acq On : 28 Jul 2021 14:28
Operator : VA/SY
Sample : M2940-03 2.5PPBMDL
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 05:04:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 05:03:28 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/29/2021 4:11:43 PM