Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
Data File : VD070698.D
Acq On : 13 Oct 2021 15:24
Operator : VA/SY
Sample : M4068-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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Quant Time: Oct 14 04:36:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 04:36:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	303072	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	561520	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	527834	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229389	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	178775	50.123	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.240%				
35) Dibromofluoromethane	7.914	113	188557	50.507	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.020%				
50) Toluene-d8	10.338	98	684939	47.992	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.980%				
62) 4-Bromofluorobenzene	12.626	95	217511	45.600	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	9013	2.438	ug/l		99
3) Chloromethane	2.209	50	11710	2.551	ug/l		99
4) Vinyl Chloride	2.350	62	14126	2.777	ug/l	#	85
5) Bromomethane	2.773	94	10896	3.142	ug/l		82
6) Chloroethane	2.915	64	7560	2.328	ug/l		97
7) Trichlorofluoromethane	3.273	101	18348	2.784	ug/l		88
8) Diethyl Ether	3.709	74	4287	2.500	ug/l		86
9) 1,1,2-Trichlorotrifluo...	4.103	101	10571	2.646	ug/l	#	80
10) Methyl Iodide	4.297	142	6887	1.857	ug/l	#	97
11) Tert butyl alcohol	5.209	59	2381m	13.476	ug/l		
12) 1,1-Dichloroethene	4.068	96	8930	2.511	ug/l		90
13) Acrolein	3.915	56	1731	10.204	ug/l		94
14) Allyl chloride	4.703	41	10436	2.108	ug/l		96
15) Acrylonitrile	5.415	53	8633	11.603	ug/l		94
16) Acetone	4.156	43	8480	14.001	ug/l		95
17) Carbon Disulfide	4.409	76	31016	2.389	ug/l	#	91
18) Methyl Acetate	4.709	43	7248	3.101	ug/l	#	87
19) Methyl tert-butyl Ether	5.479	73	16246	2.293	ug/l	#	87
20) Methylene Chloride	4.962	84	23007	4.070	ug/l		91
21) trans-1,2-Dichloroethene	5.473	96	10644m	2.544	ug/l		
22) Diisopropyl ether	6.362	45	19383	1.906	ug/l		92
23) Vinyl Acetate	6.303	43	41337m	8.940	ug/l		
24) 1,1-Dichloroethane	6.262	63	18884	2.521	ug/l		97
25) 2-Butanone	7.209	43	9280	11.702	ug/l		94
26) 2,2-Dichloropropane	7.209	77	15083	2.433	ug/l		99
27) cis-1,2-Dichloroethene	7.209	96	11392	2.591	ug/l		91
28) Bromochloromethane	7.550	49	6187	2.372	ug/l		91
29) Tetrahydrofuran	7.561	42	5251	10.273	ug/l		94
30) Chloroform	7.703	83	21663	2.780	ug/l		90
31) Cyclohexane	7.985	56	18158	2.749	ug/l	#	54
32) 1,1,1-Trichloroethane	7.903	97	17099	2.548	ug/l		98
36) 1,1-Dichloropropene	8.108	75	14362	2.408	ug/l		98
37) Ethyl Acetate	7.291	43	4903	2.475	ug/l	#	66
38) Carbon Tetrachloride	8.091	117	15181	2.432	ug/l		96
39) Methylcyclohexane	9.350	83	14754	2.151	ug/l		92
40) Benzene	8.344	78	41637	2.369	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	2463	2.410	ug/l	#	89
42) 1,2-Dichloroethane	8.420	62	11321	2.490	ug/l		98
43) Isopropyl Acetate	8.456	43	8716	2.401	ug/l		91
44) Trichloroethene	9.108	130	11670	2.692	ug/l		100
45) 1,2-Dichloropropane	9.379	63	10755	2.398	ug/l		90
46) Dibromomethane	9.473	93	6023	2.616	ug/l		97
47) Bromodichloromethane	9.661	83	14660	2.467	ug/l		96
48) Methyl methacrylate	9.455	41	3981	2.339	ug/l		86
49) 1,4-Dioxane	9.450	88	884	37.786	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.226	43	18959	10.122	ug/l		98
52) Toluene	10.397	92	27592	2.555	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	12715	2.445	ug/l		98
54) cis-1,3-Dichloropropene	10.079	75	13549	2.164	ug/l		99
55) 1,1,2-Trichloroethane	10.791	97	7925	2.527	ug/l		90
56) Ethyl methacrylate	10.655	69	7723	2.305	ug/l		96
57) 1,3-Dichloropropane	10.938	76	12887	2.415	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.938	63	16462	10.893	ug/l		100
59) 2-Hexanone	10.973	43	12394	9.777	ug/l		99
60) Dibromochloromethane	11.132	129	9617	2.545	ug/l		97
61) 1,2-Dibromoethane	11.238	107	7420	2.541	ug/l		98
64) Tetrachloroethene	10.867	164	9507	2.809	ug/l	#	84
65) Chlorobenzene	11.661	112	27125	2.410	ug/l		90
66) 1,1,1,2-Tetrachloroethane	11.738	131	10816	2.583	ug/l		97
67) Ethyl Benzene	11.738	91	42435	2.185	ug/l		98
68) m/p-Xylenes	11.849	106	31270	4.088	ug/l		98
69) o-Xylene	12.173	106	13990	2.056	ug/l		98
70) Styrene	12.185	104	23134	1.930	ug/l		98
71) Bromoform	12.349	173	4808	2.446	ug/l	#	78
73) Isopropylbenzene	12.467	105	36174	2.163	ug/l		98
74) N-amyl acetate	12.279	43	6409	2.034	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.726	83	8846	2.706	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	5424m	2.612	ug/l		
77) Bromobenzene	12.749	156	9753	2.609	ug/l		98
78) n-propylbenzene	12.808	91	47610	2.250	ug/l		97
79) 2-Chlorotoluene	12.896	91	29446	2.372	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	30800	2.159	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.508	75	2369m	2.533	ug/l		
82) 4-Chlorotoluene	12.996	91	28507	2.196	ug/l		97
83) tert-Butylbenzene	13.214	119	25597	2.171	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	29511	2.080	ug/l		96
85) sec-Butylbenzene	13.391	105	40086	2.194	ug/l		96
86) p-Isopropyltoluene	13.502	119	30894	2.070	ug/l		96
87) 1,3-Dichlorobenzene	13.502	146	20737	2.641	ug/l		97
88) 1,4-Dichlorobenzene	13.585	146	22723	2.919	ug/l		94
89) n-Butylbenzene	13.832	91	32384	2.273	ug/l		97
90) Hexachloroethane	14.096	117	8405	2.605	ug/l		95
91) 1,2-Dichlorobenzene	13.873	146	16908	2.526	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1436	3.042	ug/l		96
93) 1,2,4-Trichlorobenzene	15.149	180	8561	2.375	ug/l		91
94) Hexachlorobutadiene	15.249	225	6653	2.921	ug/l		90
95) Naphthalene	15.385	128	16180	2.486	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	9093	2.864	ug/l		95

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

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

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