Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
Data File : VW020839.D
Acq On : 10 Nov 2021 18:02
Operator : SY/VA
Sample : M4068-01 4PPBLOD
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 02:14:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 11 02:14:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.945	168	79317	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	109931	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	96100	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	50780	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	33285	50.746	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.500%				
35) Dibromofluoromethane	7.891	113	32944	53.604	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.200%				
50) Toluene-d8	10.323	98	127103	52.860	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.720%				
62) 4-Bromofluorobenzene	12.615	95	44533	51.334	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.660%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.001	85	360	2.420	ug/l	#	41
3) Chloromethane	2.209	50	1842	4.295	ug/l		97
4) Vinyl Chloride	2.355	62	2742	4.125	ug/l		93
5) Bromomethane	2.770	94	2103	4.506	ug/l	#	78
6) Chloroethane	2.916	64	1125	3.816	ug/l	#	88
7) Trichlorofluoromethane	3.257	101	1402	3.741	ug/l		92
8) Diethyl Ether	3.684	74	1239	4.586	ug/l		82
9) 1,1,2-Trichlorotrifluo...	4.062	101	2830	4.647	ug/l		99
10) Methyl Iodide	4.275	142	3362	4.021	ug/l		99
11) Tert butyl alcohol	5.178	59	946	20.974	ug/l	#	84
12) 1,1-Dichloroethene	4.038	96	2481	4.210	ug/l		87
13) Acrolein	3.897	56	328	16.541	ug/l		98
14) Allyl chloride	4.672	41	3711	4.252	ug/l		98
15) Acrylonitrile	5.373	53	3202	20.778	ug/l		97
16) Acetone	4.135	43	3638	22.846	ug/l		97
17) Carbon Disulfide	4.391	76	6349	4.043	ug/l		99
18) Methyl Acetate	4.684	43	2544	4.458	ug/l		98
19) Methyl tert-butyl Ether	5.428	73	3737	4.448	ug/l		100
20) Methylene Chloride	4.916	84	5643	8.150	ug/l		94
21) trans-1,2-Dichloroethene	5.428	96	2727	4.264	ug/l	#	81
22) Diisopropyl ether	6.318	45	6771	4.132	ug/l		96
23) Vinyl Acetate	6.257	43	19966	19.651	ug/l		99
24) 1,1-Dichloroethane	6.220	63	4582	4.245	ug/l		99
25) 2-Butanone	7.177	43	4325	19.736	ug/l		98
26) 2,2-Dichloropropane	7.171	77	3199	4.367	ug/l		98
27) cis-1,2-Dichloroethene	7.171	96	3014	4.288	ug/l		89
28) Bromochloromethane	7.513	49	1924	3.760	ug/l	#	87
29) Tetrahydrofuran	7.531	42	2803	20.519	ug/l		97
30) Chloroform	7.677	83	4782	4.204	ug/l		90
31) Cyclohexane	7.952	56	6158	5.234	ug/l	#	77
32) 1,1,1-Trichloroethane	7.872	97	4167	4.123	ug/l		97
36) 1,1-Dichloropropene	8.080	75	3850	4.237	ug/l		95
37) Ethyl Acetate	7.263	43	1974	4.500	ug/l	#	88
38) Carbon Tetrachloride	8.067	117	4346	4.566	ug/l		98
39) Methylcyclohexane	9.335	83	5371	4.506	ug/l		96
40) Benzene	8.323	78	12257	5.040	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.494	41	1064	4.203	ug/l	#	85
42) 1,2-Dichloroethane	8.403	62	3325	4.645	ug/l		95
43) Isopropyl Acetate	8.427	43	3466	4.156	ug/l		97
44) Trichloroethene	9.092	130	3112	4.299	ug/l		97
45) 1,2-Dichloropropane	9.372	63	2333	4.223	ug/l		94
46) Dibromomethane	9.457	93	1534	4.490	ug/l		100
47) Bromodichloromethane	9.646	83	3404	4.169	ug/l		98
48) Methyl methacrylate	9.439	41	1703	4.277	ug/l		89
49) 1,4-Dioxane	9.457	88	413	79.869	ug/l	#	68
51) 4-Methyl-2-Pentanone	10.207	43	9376	21.168	ug/l		97
52) Toluene	10.384	92	7018	4.405	ug/l		98
53) t-1,3-Dichloropropene	10.610	75	3287	3.913	ug/l		93
54) cis-1,3-Dichloropropene	10.073	75	3691	3.949	ug/l		93
55) 1,1,2-Trichloroethane	10.786	97	2080	4.586	ug/l		96
56) Ethyl methacrylate	10.646	69	2530	4.042	ug/l		96
57) 1,3-Dichloropropane	10.933	76	3318	4.330	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.921	63	6804	19.347	ug/l		92
59) 2-Hexanone	10.969	43	6493	19.972	ug/l		99
60) Dibromochloromethane	11.128	129	2572	4.315	ug/l		95
61) 1,2-Dibromoethane	11.238	107	2035	4.342	ug/l		99
64) Tetrachloroethene	10.866	164	2850	4.583	ug/l		90
65) Chlorobenzene	11.658	112	7510	4.469	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.731	131	2680	4.396	ug/l		95
67) Ethyl Benzene	11.731	91	13423	4.345	ug/l		97
68) m/p-Xylenes	11.841	106	10567	8.651	ug/l		93
69) o-Xylene	12.164	106	4920	4.340	ug/l		92
70) Styrene	12.182	104	7921	4.184	ug/l		98
71) Bromoform	12.347	173	1639	4.159	ug/l	#	92
73) Isopropylbenzene	12.463	105	13710	4.328	ug/l		93
74) N-amyl acetate	12.274	43	3159	4.176	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.713	83	2289	4.048	ug/l		97
76) 1,2,3-Trichloropropane	12.768	75	1761m	4.510	ug/l		
77) Bromobenzene	12.749	156	3010	4.101	ug/l		96
78) n-propylbenzene	12.804	91	16734	4.348	ug/l		98
79) 2-Chlorotoluene	12.890	91	9334	4.422	ug/l		93
80) 1,3,5-Trimethylbenzene	12.938	105	11467	4.345	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.512	75	749	3.776	ug/l		92
82) 4-Chlorotoluene	12.987	91	9380	4.294	ug/l		97
83) tert-Butylbenzene	13.207	119	10600	4.278	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	11087	4.275	ug/l		97
85) sec-Butylbenzene	13.377	105	15480	4.370	ug/l		94
86) p-Isopropyltoluene	13.493	119	13330	4.391	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	6611	4.453	ug/l		97
88) 1,4-Dichlorobenzene	13.579	146	6695	4.566	ug/l		92
89) n-Butylbenzene	13.822	91	12223	4.325	ug/l		98
90) Hexachloroethane	14.091	117	2485	4.258	ug/l		100
91) 1,2-Dichlorobenzene	13.865	146	5821	4.637	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	560	4.936	ug/l		96
93) 1,2,4-Trichlorobenzene	15.127	180	4177	4.368	ug/l		96
94) Hexachlorobutadiene	15.231	225	2741	4.547	ug/l		97
95) Naphthalene	15.359	128	8501	4.545	ug/l		98
96) 1,2,3-Trichlorobenzene	15.554	180	3873	4.689	ug/l		98

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

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