Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
Data File : VW020747.D
Acq On : 02 Nov 2021 19:40
Operator : SY/VA
Sample : M4068-01 4PPBLOD
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 02:50:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 03 02:49:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	33944	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	52945	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	49961	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	27201	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	14577	46.248	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.500%				
35) Dibromofluoromethane	7.884	113	15706	46.676	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.360%				
50) Toluene-d8	10.323	98	53981	46.063	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.120%				
62) 4-Bromofluorobenzene	12.621	95	18569	44.969	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.940%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	151	1.744	ug/l	#	37
3) Chloromethane	2.215	50	852	4.256	ug/l	#	80
4) Vinyl Chloride	2.355	62	1586	4.097	ug/l		89
5) Bromomethane	2.763	94	1463	4.461	ug/l		97
6) Chloroethane	2.916	64	679	4.070	ug/l	#	82
7) Trichlorofluoromethane	3.251	101	565	4.401	ug/l		97
8) Diethyl Ether	3.690	74	535	4.168	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.062	101	1316	4.314	ug/l		98
10) Methyl Iodide	4.263	142	1712	4.364	ug/l	#	90
11) Tert butyl alcohol	5.184	59	247	18.810	ug/l	#	77
12) 1,1-Dichloroethene	4.032	96	1168	4.103	ug/l	#	77
14) Allyl chloride	4.666	41	885	4.038	ug/l		96
15) Acrylonitrile	5.367	53	973	19.816	ug/l	#	91
16) Acetone	4.129	43	1008	21.952	ug/l	#	73
17) Carbon Disulfide	4.379	76	3178	4.434	ug/l		100
18) Methyl Acetate	4.678	43	738	4.641	ug/l	#	66
19) Methyl tert-butyl Ether	5.428	73	1335	4.092	ug/l		96
20) Methylene Chloride	4.915	84	5782	14.528	ug/l		90
21) trans-1,2-Dichloroethene	5.421	96	1268	4.032	ug/l	#	86
22) Diisopropyl ether	6.318	45	2063	3.687	ug/l	#	76
23) Vinyl Acetate	6.263	43	5605	18.134	ug/l		95
24) 1,1-Dichloroethane	6.220	63	2164	4.491	ug/l	#	95
25) 2-Butanone	7.177	43	1267	21.556	ug/l		93
26) 2,2-Dichloropropane	7.159	77	1294	4.482	ug/l		91
27) cis-1,2-Dichloroethene	7.177	96	1391	4.032	ug/l		95
28) Bromochloromethane	7.513	49	901	4.680	ug/l	#	97
29) Tetrahydrofuran	7.543	42	585	16.865	ug/l	#	85
30) Chloroform	7.677	83	2865	4.784	ug/l		88
31) Cyclohexane	7.952	56	2223	5.235	ug/l	#	88
32) 1,1,1-Trichloroethane	7.866	97	2268	4.757	ug/l		92
36) 1,1-Dichloropropene	8.086	75	1822	4.276	ug/l		96
37) Ethyl Acetate	7.263	43	603	4.503	ug/l	#	63
38) Carbon Tetrachloride	8.073	117	1942	4.257	ug/l	#	83
39) Methylcyclohexane	9.335	83	2051	3.990	ug/l		92
40) Benzene	8.323	78	6919	5.636	ug/l		99
41) Methacrylonitrile	7.482	41	249	3.772	ug/l	#	65

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 1,2-Dichloroethane	8.403	62	1831	5.221	ug/l		81
43) Isopropyl Acetate	8.427	43	958	3.801	ug/l	#	90
44) Trichloroethene	9.092	130	1656	4.397	ug/l		96
45) 1,2-Dichloropropane	9.366	63	1112	4.187	ug/l		98
46) Dibromomethane	9.463	93	890	4.750	ug/l		92
47) Bromodichloromethane	9.646	83	1952	4.454	ug/l	#	99
48) Methyl methacrylate	9.439	41	449	3.918	ug/l		92
49) 1,4-Dioxane	9.457	88	106	47.031	ug/l	#	31
51) 4-Methyl-2-Pentanone	10.207	43	2738	20.215	ug/l		86
52) Toluene	10.390	92	3541	4.443	ug/l		98
53) t-1,3-Dichloropropene	10.610	75	1707	4.240	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	1786	3.895	ug/l	#	88
55) 1,1,2-Trichloroethane	10.786	97	1165	4.517	ug/l		92
56) Ethyl methacrylate	10.646	69	908	3.325	ug/l		96
57) 1,3-Dichloropropane	10.927	76	1788	4.406	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.921	63	2155	18.133	ug/l		100
59) 2-Hexanone	10.969	43	1817	19.189	ug/l		87
60) Dibromochloromethane	11.128	129	1374	4.276	ug/l		94
61) 1,2-Dibromoethane	11.238	107	1075	4.191	ug/l		97
64) Tetrachloroethene	10.866	164	1585	4.861	ug/l	#	86
65) Chlorobenzene	11.658	112	4233	4.514	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	1483	4.291	ug/l		90
67) Ethyl Benzene	11.731	91	6307	4.033	ug/l		95
68) m/p-Xylenes	11.835	106	4861	7.698	ug/l		99
69) o-Xylene	12.164	106	2235	3.791	ug/l		99
70) Styrene	12.182	104	3624	3.637	ug/l		96
71) Bromoform	12.347	173	689	3.527	ug/l	#	96
73) Isopropylbenzene	12.463	105	5838	3.645	ug/l		97
74) N-amyl acetate	12.268	43	861	3.487	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.713	83	1330	4.401	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	1152m	5.469	ug/l		
77) Bromobenzene	12.743	156	1863	4.594	ug/l		96
78) n-propylbenzene	12.804	91	7694	3.981	ug/l		97
79) 2-Chlorotoluene	12.890	91	4648	4.244	ug/l		93
80) 1,3,5-Trimethylbenzene	12.938	105	5063	3.675	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.518	75	277m	3.237	ug/l		
82) 4-Chlorotoluene	12.987	91	4646	4.056	ug/l		97
83) tert-Butylbenzene	13.207	119	4144	3.455	ug/l		91
84) 1,2,4-Trimethylbenzene	13.249	105	4977	3.683	ug/l		99
85) sec-Butylbenzene	13.383	105	6663	3.685	ug/l		96
86) p-Isopropyltoluene	13.499	119	5492	3.612	ug/l		95
87) 1,3-Dichlorobenzene	13.493	146	3359	3.964	ug/l		93
88) 1,4-Dichlorobenzene	13.572	146	3793	4.536	ug/l		95
89) n-Butylbenzene	13.822	91	5430	3.833	ug/l		92
90) Hexachloroethane	14.091	117	1256	4.201	ug/l		99
91) 1,2-Dichlorobenzene	13.871	146	3219	4.330	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	173	3.895	ug/l		78
93) 1,2,4-Trichlorobenzene	15.133	180	1903	4.056	ug/l		94
94) Hexachlorobutadiene	15.231	225	1024	4.019	ug/l		93
95) Naphthalene	15.365	128	2885	3.406	ug/l		98
96) 1,2,3-Trichlorobenzene	15.554	180	1654	4.035	ug/l		98

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

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