Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019029.D
Acq On : 18 May 2021 20:42
Operator : SY/VA
Sample : M2262-01 2.5PPBLOD
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT2-2021

Manual Integrations APPROVED
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5/20/2021 5:59:01 PM

Quant Time: May 19 07:50:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 07:50:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	379616	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	642676	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	585438	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	277365	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	221886	57.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.60%				
35) Dibromofluoromethane	7.884	113	194239	54.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.56%				
50) Toluene-d8	10.323	98	782593	55.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.14%				
62) 4-Bromofluorobenzene	12.615	95	274684	54.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	6036	2.36	ug/l		94
3) Chloromethane	2.215	50	7682	2.71	ug/l		95
4) Vinyl Chloride	2.367	62	9230	2.22	ug/l		94
5) Bromomethane	2.782	94	9627	2.76	ug/l		94
6) Chloroethane	2.928	64	6748	2.36	ug/l	#	88
7) Trichlorofluoromethane	3.257	101	4903	2.14	ug/l		91
8) Diethyl Ether	3.678	74	5329	2.67	ug/l		92
9) 1,1,2-Trichlorotrifluo...	4.074	101	9247	2.49	ug/l	#	88
10) Methyl Iodide	4.275	142	14013	2.58	ug/l	#	95
11) Tert butyl alcohol	5.172	59	5781	25.64	ug/l		99
12) 1,1-Dichloroethene	4.050	96	9262	2.45	ug/l		95
13) Acrolein	3.903	56	3003	11.74	ug/l		91
14) Allyl chloride	4.678	41	11900	2.42	ug/l		95
15) Acrylonitrile	5.373	53	9201	12.31	ug/l		97
16) Acetone	4.135	43	11660	19.15	ug/l		98
17) Carbon Disulfide	4.391	76	23214	2.25	ug/l		99
18) Methyl Acetate	4.672	43	5099	2.85	ug/l	#	70
19) Methyl tert-butyl Ether	5.434	73	12638	2.66	ug/l		98
20) Methylene Chloride	4.922	84	33483	6.13	ug/l		95
21) trans-1,2-Dichloroethene	5.422	96	10957	2.54	ug/l		94
22) Diisopropyl ether	6.312	45	24297	2.43	ug/l		93
23) Vinyl Acetate	6.263	43	72894	10.83	ug/l		98
24) 1,1-Dichloroethane	6.220	63	19501	2.52	ug/l		100
25) 2-Butanone	7.177	43	14247	14.25	ug/l		93
26) 2,2-Dichloropropane	7.171	77	12109	2.90	ug/l		93
27) cis-1,2-Dichloroethene	7.171	96	11910	2.48	ug/l		91
28) Bromochloromethane	7.519	49	8230	2.61	ug/l		98
29) Tetrahydrofuran	7.537	42	7692	13.15	ug/l		99
30) Chloroform	7.677	83	20547	2.61	ug/l		88
31) Cyclohexane	7.952	56	22903	3.53	ug/l	#	61
32) 1,1,1-Trichloroethane	7.872	97	14603	2.50	ug/l		96
36) 1,1-Dichloropropene	8.086	75	15723	2.46	ug/l		97
37) Ethyl Acetate	7.269	43	7423	3.00	ug/l		98
38) Carbon Tetrachloride	8.073	117	12979	2.30	ug/l		92
39) Methylcyclohexane	9.335	83	17013	2.40	ug/l		95
40) Benzene	8.323	78	45946	2.57	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	3056	2.26	ug/l		97
42) 1,2-Dichloroethane	8.397	62	14179	2.67	ug/l		96
43) Isopropyl Acetate	8.427	43	11331	2.45	ug/l		98
44) Trichloroethene	9.092	130	11380	2.47	ug/l		91
45) 1,2-Dichloropropane	9.372	63	11025	2.55	ug/l		97
46) Dibromomethane	9.457	93	5590	2.38	ug/l		94
47) Bromodichloromethane	9.646	83	13939	2.39	ug/l		99
48) Methyl methacrylate	9.439	41	4895	2.31	ug/l		94
49) 1,4-Dioxane	9.457	88	1405	52.46	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.213	43	29525	12.34	ug/l		100
52) Toluene	10.390	92	28529	2.52	ug/l		97
53) t-1,3-Dichloropropene	10.610	75	12873	2.24	ug/l		92
54) cis-1,3-Dichloropropene	10.073	75	15276	2.23	ug/l		98
55) 1,1,2-Trichloroethane	10.786	97	8210	2.53	ug/l		96
56) Ethyl methacrylate	10.646	69	9200	2.26	ug/l		95
57) 1,3-Dichloropropane	10.933	76	14329	2.47	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	22260	10.55	ug/l		99
59) 2-Hexanone	10.969	43	17058	10.73	ug/l		96
60) Dibromochloromethane	11.128	129	8055	2.22	ug/l		95
61) 1,2-Dibromoethane	11.238	107	7838	2.51	ug/l		94
64) Tetrachloroethene	10.866	164	9492	2.50	ug/l		97
65) Chlorobenzene	11.658	112	30724	2.58	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.731	131	9330	2.30	ug/l		97
67) Ethyl Benzene	11.731	91	53725	2.44	ug/l		95
68) m/p-Xylenes	11.841	106	39749	4.80	ug/l		97
69) o-Xylene	12.164	106	17906	2.32	ug/l		96
70) Styrene	12.182	104	28814	2.20	ug/l		99
71) Bromoform	12.347	173	4176	2.05	ug/l	#	98
73) Isopropylbenzene	12.463	105	48992	2.41	ug/l		100
74) N-amyl acetate	12.274	43	9740	2.32	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.713	83	9203	2.53	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	6298m	2.40	ug/l		
77) Bromobenzene	12.749	156	11658	2.60	ug/l		96
78) n-propylbenzene	12.804	91	63609	2.56	ug/l		98
79) 2-Chlorotoluene	12.890	91	37092	2.62	ug/l		99
80) 1,3,5-Trimethylbenzene	12.945	105	42183	2.44	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	2177m	2.03	ug/l		
82) 4-Chlorotoluene	12.987	91	38431	2.56	ug/l		99
83) tert-Butylbenzene	13.207	119	35877	2.47	ug/l		98
84) 1,2,4-Trimethylbenzene	13.249	105	42542	2.48	ug/l		99
85) sec-Butylbenzene	13.383	105	52936	2.45	ug/l		100
86) p-Isopropyltoluene	13.499	119	45558	2.44	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	23732	2.59	ug/l		96
88) 1,4-Dichlorobenzene	13.579	146	25164	2.79	ug/l		92
89) n-Butylbenzene	13.822	91	44543	2.42	ug/l		98
90) Hexachloroethane	14.091	117	7278	2.48	ug/l		92
91) 1,2-Dichlorobenzene	13.871	146	20892	2.58	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1569	2.70	ug/l		91
93) 1,2,4-Trichlorobenzene	15.133	180	15585	2.87	ug/l		96
94) Hexachlorobutadiene	15.231	225	8132	2.60	ug/l		91
95) Naphthalene	15.359	128	26267	2.66	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	13749	2.93	ug/l		99

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

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