Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
Data File : VW019072.D
Acq On : 24 May 2021 18:21
Operator : SY/VA
Sample : M2262-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
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5/25/2021 5:58:48 PM

Quant Time: May 25 04:31:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
Quant Title : SW846 8260
QLast Update : Tue May 25 04:30:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.945	168	340558	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.848	114	601562	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	546854	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	262734	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	240980	56.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.90%				
35) Dibromofluoromethane	7.884	113	213445	52.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.30%				
50) Toluene-d8	10.323	98	864633	51.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.70%				
62) 4-Bromofluorobenzene	12.615	95	303532	51.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	7184	2.99	ug/l		96
3) Chloromethane	2.209	50	10457	3.94	ug/l		100
4) Vinyl Chloride	2.367	62	13803	3.32	ug/l		96
5) Bromomethane	2.776	94	11365	3.38	ug/l		92
6) Chloroethane	2.928	64	9451	3.42	ug/l		98
7) Trichlorofluoromethane	3.257	101	6817	2.83	ug/l		90
8) Diethyl Ether	3.678	74	7167	3.77	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.086	101	12776m	3.51	ug/l		
10) Methyl Iodide	4.281	142	17917	3.46	ug/l		100
11) Tert butyl alcohol	5.171	59	8428	40.36	ug/l	#	89
12) 1,1-Dichloroethene	4.044	96	12626	3.33	ug/l		98
13) Acrolein	3.897	56	4283	16.60	ug/l		99
14) Allyl chloride	4.665	41	16711	3.30	ug/l		98
15) Acrylonitrile	5.367	53	12059	17.26	ug/l		97
16) Acetone	4.135	43	15432	23.49	ug/l		90
17) Carbon Disulfide	4.391	76	33202	3.24	ug/l		98
18) Methyl Acetate	4.684	43	7660	4.31	ug/l		95
19) Methyl tert-butyl Ether	5.421	73	16298	3.53	ug/l		96
20) Methylene Chloride	4.915	84	69877	14.67	ug/l		95
21) trans-1,2-Dichloroethene	5.434	96	15482	3.66	ug/l	#	92
22) Diisopropyl ether	6.312	45	33929	3.46	ug/l	#	89
23) Vinyl Acetate	6.263	43	101483	15.69	ug/l		96
24) 1,1-Dichloroethane	6.220	63	26248	3.45	ug/l		99
25) 2-Butanone	7.177	43	20476	21.11	ug/l		93
26) 2,2-Dichloropropane	7.165	77	17790	4.09	ug/l		91
27) cis-1,2-Dichloroethene	7.171	96	16443	3.54	ug/l		89
28) Bromochloromethane	7.513	49	11630	3.87	ug/l		94
29) Tetrahydrofuran	7.537	42	10376	18.89	ug/l		97
30) Chloroform	7.677	83	28290	3.69	ug/l		96
31) Cyclohexane	7.951	56	28258	4.37	ug/l	#	70
32) 1,1,1-Trichloroethane	7.878	97	20581	3.49	ug/l		98
36) 1,1-Dichloropropene	8.086	75	22052	3.28	ug/l		99
37) Ethyl Acetate	7.263	43	9574	3.95	ug/l		98
38) Carbon Tetrachloride	8.067	117	18236	3.06	ug/l		97
39) Methylcyclohexane	9.335	83	23727	3.18	ug/l		98
40) Benzene	8.323	78	61910	3.38	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	4364	3.08	ug/l		91
42) 1,2-Dichloroethane	8.403	62	19151	3.55	ug/l		99
43) Isopropyl Acetate	8.427	43	14810	3.17	ug/l		98
44) Trichloroethene	9.092	130	15456	3.21	ug/l		98
45) 1,2-Dichloropropane	9.366	63	15084	3.40	ug/l		95
46) Dibromomethane	9.457	93	7833	3.39	ug/l		96
47) Bromodichloromethane	9.646	83	18987	3.19	ug/l	#	89
48) Methyl methacrylate	9.439	41	6921	3.16	ug/l		99
49) 1,4-Dioxane	9.451	88	1772	63.83	ug/l	#	73
51) 4-Methyl-2-Pentanone	10.213	43	40750	17.15	ug/l		99
52) Toluene	10.390	92	39091	3.35	ug/l		99
53) t-1,3-Dichloropropene	10.603	75	17597	2.97	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	21720	3.09	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	11237	3.43	ug/l		95
56) Ethyl methacrylate	10.646	69	12186	2.97	ug/l		94
57) 1,3-Dichloropropane	10.933	76	19500	3.34	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	33966	16.40	ug/l		99
59) 2-Hexanone	10.969	43	24846	15.55	ug/l		99
60) Dibromochloromethane	11.128	129	11268	3.09	ug/l		97
61) 1,2-Dibromoethane	11.237	107	10256	3.33	ug/l		98
64) Tetrachloroethene	10.866	164	13609	3.47	ug/l		92
65) Chlorobenzene	11.658	112	39936	3.28	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	13139	3.16	ug/l		100
67) Ethyl Benzene	11.731	91	73665	3.19	ug/l		93
68) m/p-Xylenes	11.841	106	52468	6.20	ug/l		96
69) o-Xylene	12.164	106	24325	3.04	ug/l		96
70) Styrene	12.182	104	39114	2.93	ug/l		96
71) Bromoform	12.347	173	5580	2.79	ug/l	#	98
73) Isopropylbenzene	12.463	105	67152	3.13	ug/l		99
74) N-amyl acetate	12.274	43	12749	2.96	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.713	83	13350	3.65	ug/l		96
76) 1,2,3-Trichloropropane	12.768	75	10412m	4.16	ug/l		
77) Bromobenzene	12.749	156	14951	3.26	ug/l		92
78) n-propylbenzene	12.804	91	84274	3.17	ug/l		100
79) 2-Chlorotoluene	12.890	91	48114	3.21	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	57304	3.17	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	2791m	2.52	ug/l		
82) 4-Chlorotoluene	12.987	91	52483	3.32	ug/l		96
83) tert-Butylbenzene	13.207	119	48985	3.18	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	58266	3.23	ug/l		96
85) sec-Butylbenzene	13.383	105	73336	3.17	ug/l		99
86) p-Isopropyltoluene	13.499	119	60879	3.09	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	31719	3.34	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	32069	3.43	ug/l		92
89) n-Butylbenzene	13.822	91	60487	3.07	ug/l		99
90) Hexachloroethane	14.091	117	9363	3.01	ug/l		95
91) 1,2-Dichlorobenzene	13.871	146	27519	3.33	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2188	3.76	ug/l		84
93) 1,2,4-Trichlorobenzene	15.127	180	19094	3.35	ug/l		95
94) Hexachlorobutadiene	15.231	225	10305	3.20	ug/l		92
95) Naphthalene	15.365	128	32336	3.23	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	17144	3.55	ug/l		99

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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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