Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050620\
Data File : VW015410.D
Acq On : 06 May 2020 12:47
Operator : SY/VA
Sample : L2182-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
MMDadoda
5/7/2020 10:34:57 AM

Quant Time: May 07 03:51:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	215425	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	362286	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	321315	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	154593	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	126690	53.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.00%				
35) Dibromofluoromethane	7.88	113	107491	51.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.38%				
50) Toluene-d8	10.32	98	449431	52.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.46%				
62) 4-Bromofluorobenzene	12.62	95	163089	51.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	4546	3.650	ug/l		92
3) Chloromethane	2.21	50	6649	4.264	ug/l		99
4) Vinyl Chloride	2.36	62	9368	3.967	ug/l		98
5) Bromomethane	2.78	94	7114	3.846	ug/l		96
6) Chloroethane	2.93	64	6417	3.943	ug/l		94
7) Trichlorofluoromethane	3.26	101	6122	3.535	ug/l		96
8) Diethyl Ether	3.68	74	4574	4.226	ug/l		87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	8317	4.142	ug/l		97
10) Methyl Iodide	4.26	142	12142	3.996	ug/l		98
11) Tert butyl alcohol	5.17	59	3851	28.201	ug/l	#	94
12) 1,1-Dichloroethene	4.04	96	8380	4.025	ug/l		99
13) Acrolein	3.89	56	3803	21.808	ug/l		87
14) Allyl chloride	4.67	41	14472	3.967	ug/l		99
15) Acrylonitrile	5.36	53	9505	21.578	ug/l		100
16) Acetone	4.12	43	9100	24.736	ug/l		98
17) Carbon Disulfide	4.38	76	24983	3.913	ug/l		99
18) Methyl Acetate	4.67	43	4935	5.053	ug/l		94
19) Methyl tert-butyl Ether	5.42	73	14676	4.387	ug/l		98
20) Methylene Chloride	4.92	84	10346	4.310	ug/l		97
21) trans-1,2-Dichloroethene	5.42	96	9737	4.120	ug/l		96
22) Diisopropyl ether	6.31	45	29032	4.072	ug/l		94
23) Vinyl Acetate	6.26	43	86388	19.934	ug/l		99
24) 1,1-Dichloroethane	6.21	63	17412	4.074	ug/l		98
25) 2-Butanone	7.17	43	12589	21.955	ug/l		99
26) 2,2-Dichloropropane	7.16	77	12644	4.464	ug/l		97
27) cis-1,2-Dichloroethene	7.17	96	10852	4.228	ug/l		100
28) Bromochloromethane	7.51	49	7586	4.414	ug/l		99
29) Tetrahydrofuran	7.54	42	8660	22.949	ug/l		98
30) Chloroform	7.68	83	18064	4.254	ug/l		96
31) Cyclohexane	7.95	56	21714	5.004	ug/l	#	73
32) 1,1,1-Trichloroethane	7.87	97	14955	4.190	ug/l		97
36) 1,1-Dichloropropene	8.08	75	14698	4.129	ug/l		99
37) Ethyl Acetate	7.26	43	6185	4.478	ug/l		97
38) Carbon Tetrachloride	8.07	117	13400	4.027	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.33	83	18721	4.155 ug/l		99
40) Benzene	8.32	78	39036	4.021 ug/l		94
41) Methacrylonitrile	7.49	41	3932	4.506 ug/l		92
42) 1,2-Dichloroethane	8.40	62	12653	4.279 ug/l		100
43) Isopropyl Acetate	8.42	43	11965	4.119 ug/l		100
44) Trichloroethene	9.09	130	10283	4.087 ug/l		100
45) 1,2-Dichloropropane	9.37	63	9908	4.132 ug/l		97
46) Dibromomethane	9.46	93	4858	4.073 ug/l		98
47) Bromodichloromethane	9.65	83	12835	3.948 ug/l		95
48) Methyl methacrylate	9.44	41	5547	4.134 ug/l		94
49) 1,4-Dioxane	9.45	88	1460	97.266 ug/l	#	89
51) 4-Methyl-2-Pentanone	10.21	43	29389	21.590 ug/l		100
52) Toluene	10.38	92	25313	4.013 ug/l		98
53) t-1,3-Dichloropropene	10.60	75	13043	3.931 ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	15383	3.938 ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	6974	4.135 ug/l		98
56) Ethyl methacrylate	10.65	69	9343	4.032 ug/l		98
57) 1,3-Dichloropropane	10.93	76	12555	4.140 ug/l		97
58) 2-Chloroethyl Vinyl ether	9.92	63	24411	21.652 ug/l		99
59) 2-Hexanone	10.97	43	19352	21.011 ug/l		97
60) Dibromochloromethane	11.13	129	8108	3.997 ug/l		98
61) 1,2-Dibromoethane	11.23	107	6379	3.994 ug/l		97
64) Tetrachloroethene	10.86	164	8417	4.286 ug/l		92
65) Chlorobenzene	11.66	112	26373	4.163 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	8982	3.999 ug/l		98
67) Ethyl Benzene	11.73	91	50345	4.152 ug/l		97
68) m/p-Xylenes	11.84	106	36918	8.189 ug/l		99
69) o-Xylene	12.16	106	17579	4.149 ug/l		100
70) Styrene	12.18	104	28984	3.972 ug/l		99
71) Bromoform	12.35	173	4273	3.901 ug/l	#	100
73) Isopropylbenzene	12.46	105	48485	4.201 ug/l		100
74) N-amyl acetate	12.27	43	12180	4.465 ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.71	83	7981	4.420 ug/l		96
76) 1,2,3-Trichloropropane	12.77	75	6143m	4.830 ug/l		
77) Bromobenzene	12.74	156	10408	4.255 ug/l		99
78) n-propylbenzene	12.80	91	59102	4.268 ug/l		100
79) 2-Chlorotoluene	12.89	91	32611	4.178 ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	40505	4.167 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	2358m	3.667 ug/l		
82) 4-Chlorotoluene	12.99	91	34426	4.162 ug/l		98
83) tert-Butylbenzene	13.21	119	35093	4.231 ug/l		100
84) 1,2,4-Trimethylbenzene	13.25	105	39946	4.107 ug/l		97
85) sec-Butylbenzene	13.38	105	48549	4.154 ug/l		99
86) p-Isopropyltoluene	13.50	119	43873	4.116 ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	20683	4.245 ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	20760	4.303 ug/l		92
89) n-Butylbenzene	13.82	91	42954	4.116 ug/l		100
90) Hexachloroethane	14.09	117	7917	4.030 ug/l		94
91) 1,2-Dichlorobenzene	13.87	146	17781	4.215 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1310	4.156 ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	11508	4.059	ug/l	99
94) Hexachlorobutadiene	15.23	225	6982	4.156	ug/l	96
95) Naphthalene	15.36	128	19872	3.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	9312	3.823	ug/l	97

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

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