Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
Data File : VW015826.D
Acq On : 09 Jul 2020 14:17
Operator : SY/VA
Sample : L3216-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-03-QT3-2020DL

Quant Time: Jul 10 07:49:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	194449	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	309956	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	279723	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135332	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	99313	49.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.20%				
35) Dibromofluoromethane	7.89	113	87219	48.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.46%				
50) Toluene-d8	10.32	98	337708	48.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.24%				
62) 4-Bromofluorobenzene	12.62	95	123136	48.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	3516	3.433	ug/l		92
3) Chloromethane	2.21	50	4709	3.386	ug/l		97
4) Vinyl Chloride	2.36	62	6121	2.850	ug/l		100
5) Bromomethane	2.79	94	4821	2.934	ug/l		94
6) Chloroethane	2.93	64	4082	2.817	ug/l		98
7) Trichlorofluoromethane	3.26	101	4174	2.705	ug/l		99
8) Diethyl Ether	3.68	74	2675	2.782	ug/l		66
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4956	2.743	ug/l		98
10) Methyl Iodide	4.27	142	7019	2.779	ug/l		98
11) Tert butyl alcohol	5.21	59	2264m	20.248	ug/l		
12) 1,1-Dichloroethene	4.04	96	4939	2.781	ug/l		94
13) Acrolein	3.90	56	1577	11.353	ug/l		100
14) Allyl chloride	4.67	41	7510	2.601	ug/l		96
15) Acrylonitrile	5.38	53	4920	13.087	ug/l		100
16) Acetone	4.14	43	7020	18.737	ug/l		99
17) Carbon Disulfide	4.38	76	13408	2.538	ug/l		99
18) Methyl Acetate	4.68	43	2757	3.234	ug/l		93
19) Methyl tert-butyl Ether	5.43	73	7323	2.755	ug/l		98
20) Methylene Chloride	4.92	84	14623	6.721	ug/l		97
21) trans-1,2-Dichloroethene	5.42	96	5366	2.608	ug/l		84
22) Diisopropyl ether	6.32	45	14415	2.478	ug/l		94
23) Vinyl Acetate	6.26	43	38973	11.263	ug/l		99
24) 1,1-Dichloroethane	6.21	63	9713	2.637	ug/l		93
25) 2-Butanone	7.19	43	8358	16.435	ug/l		92
26) 2,2-Dichloropropane	7.17	77	8341	3.610	ug/l		87
27) cis-1,2-Dichloroethene	7.17	96	5739	2.598	ug/l		81
28) Bromochloromethane	7.51	49	3928	2.690	ug/l	#	97
29) Tetrahydrofuran	7.54	42	3988	12.923	ug/l		96
30) Chloroform	7.68	83	9824	2.609	ug/l		92
31) Cyclohexane	7.95	56	12674	3.656	ug/l	#	74
32) 1,1,1-Trichloroethane	7.87	97	8421	2.667	ug/l		97
36) 1,1-Dichloropropene	8.09	75	8301	2.717	ug/l		98
37) Ethyl Acetate	7.26	43	2675	2.253	ug/l		97
38) Carbon Tetrachloride	8.07	117	7752	2.622	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.34	83	9124	2.531 ug/l	94
40) Benzene	8.32	78	22371	2.673 ug/l	98
41) Methacrylonitrile	7.49	41	1607	2.384 ug/l	96
42) 1,2-Dichloroethane	8.40	62	7439	2.856 ug/l	98
43) Isopropyl Acetate	8.43	43	5849	2.524 ug/l	98
44) Trichloroethene	9.09	130	5895	2.663 ug/l	91
45) 1,2-Dichloropropane	9.37	63	5351	2.601 ug/l	92
46) Dibromomethane	9.46	93	2796	2.640 ug/l	95
47) Bromodichloromethane	9.65	83	6839	2.496 ug/l #	98
48) Methyl methacrylate	9.44	41	2490	2.345 ug/l	91
49) 1,4-Dioxane	9.47	88	727	55.520 ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	13149	11.628 ug/l	96
52) Toluene	10.39	92	14248	2.645 ug/l	100
53) t-1,3-Dichloropropene	10.61	75	5679	2.161 ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	7219	2.296 ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	3995	2.720 ug/l	95
56) Ethyl methacrylate	10.65	69	4126	2.285 ug/l	97
57) 1,3-Dichloropropane	10.93	76	6559	2.523 ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	9526	10.797 ug/l	96
59) 2-Hexanone	10.97	43	8632	11.438 ug/l	99
60) Dibromochloromethane	11.13	129	3633	2.142 ug/l	95
61) 1,2-Dibromoethane	11.24	107	3456	2.459 ug/l	97
64) Tetrachloroethene	10.87	164	5133	2.900 ug/l	89
65) Chlorobenzene	11.66	112	14501	2.651 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	4664	2.409 ug/l	98
67) Ethyl Benzene	11.73	91	26372	2.603 ug/l	98
68) m/p-Xylenes	11.84	106	18486	4.858 ug/l	99
69) o-Xylene	12.17	106	8216	2.365 ug/l	96
70) Styrene	12.18	104	13473	2.254 ug/l	99
71) Bromoform	12.35	173	1882	2.130 ug/l #	91
73) Isopropylbenzene	12.47	105	23077	2.420 ug/l	99
74) N-amyl acetate	12.27	43	4649	2.279 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	4250	2.683 ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	3158m	2.655 ug/l	
77) Bromobenzene	12.75	156	5855	2.739 ug/l	95
78) n-propylbenzene	12.80	91	29975	2.590 ug/l	99
79) 2-Chlorotoluene	12.90	91	17206	2.607 ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	19852	2.443 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	964m	2.072 ug/l	
82) 4-Chlorotoluene	12.99	91	17681	2.566 ug/l	97
83) tert-Butylbenzene	13.21	119	16369	2.426 ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	19451	2.397 ug/l	98
85) sec-Butylbenzene	13.38	105	24690	2.534 ug/l	100
86) p-Isopropyltoluene	13.50	119	20875	2.346 ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	11250	2.625 ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	11479	2.736 ug/l	85
89) n-Butylbenzene	13.82	91	21370	2.510 ug/l	97
90) Hexachloroethane	14.10	117	3726	2.311 ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	9803	2.640 ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	687	2.714 ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	6248	2.669	ug/l	99
94) Hexachlorobutadiene	15.24	225	4012	2.700	ug/l	96
95) Naphthalene	15.37	128	8950	2.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	5622	2.823	ug/l	95

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

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