Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
Data File : VD063872.D
Acq On : 02 Oct 2019 21:25
Operator : VA/SY
Sample : MDL04
Misc : 5.00g/5.00mL/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
10/4/2019 4:33:01 PM

Quant Time: Oct 03 04:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	168194	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	276760	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	270731	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	133442	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	88902	54.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.58%				
35) Dibromofluoromethane	7.91	113	82648	48.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.72%				
50) Toluene-d8	10.34	98	341564	49.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.50%				
62) 4-Bromofluorobenzene	12.63	95	106939	44.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	3721	3.120	ug/l		90
3) Chloromethane	2.20	50	11758	3.219	ug/l		98
4) Vinyl Chloride	2.35	62	12977	3.366	ug/l		96
5) Bromomethane	2.77	94	7703	3.108	ug/l		82
6) Chloroethane	2.92	64	8101	3.177	ug/l	#	86
7) Trichlorofluoromethane	3.27	101	15085	2.960	ug/l	#	76
8) Diethyl Ether	3.71	74	2559m	3.128	ug/l		
9) 1,1,2-Trichlorotrifluoroet	4.09	101	4376	3.102	ug/l	#	40
10) Methyl Iodide	4.28	142	4790	2.464	ug/l	#	43
11) Tert butyl alcohol	5.25	59	1510m	13.001	ug/l		
12) 1,1-Dichloroethene	4.07	96	4534	3.216	ug/l		92
13) Acrolein	3.93	56	2583m	17.661	ug/l		
14) Allyl chloride	4.72	41	7336	3.130	ug/l		95
15) Acrylonitrile	5.45	53	5532	15.337	ug/l	#	17
16) Acetone	4.18	43	7268	17.048	ug/l	#	53
17) Carbon Disulfide	4.40	76	15051	2.937	ug/l	#	85
18) Methyl Acetate	4.73	43	3009	3.609	ug/l	#	80
19) Methyl tert-butyl Ether	5.50	73	9900m	2.712	ug/l		
20) Methylene Chloride	4.96	84	13149	6.009	ug/l		90
21) trans-1,2-Dichloroethene	5.46	96	5460m	3.111	ug/l		
22) Diisopropyl ether	6.37	45	15279	3.192	ug/l	#	89
23) Vinyl Acetate	6.31	43	37813	13.280	ug/l	#	92
24) 1,1-Dichloroethane	6.26	63	9363	3.176	ug/l	#	89
25) 2-Butanone	7.24	43	7444	14.733	ug/l		91
26) 2,2-Dichloropropane	7.21	77	8319	3.119	ug/l		93
27) cis-1,2-Dichloroethene	7.21	96	5514	2.776	ug/l		87
28) Bromochloromethane	7.54	49	4419	4.000	ug/l	#	79
29) Tetrahydrofuran	7.57	42	4290	14.547	ug/l	#	45
30) Chloroform	7.72	83	10348	3.232	ug/l		88
31) Cyclohexane	7.99	56	11609	4.200	ug/l	#	82
32) 1,1,1-Trichloroethane	7.91	97	7386m	2.689	ug/l		
36) 1,1-Dichloropropene	8.11	75	7106	2.808	ug/l		99
37) Ethyl Acetate	7.30	43	5072	4.417	ug/l	#	90
38) Carbon Tetrachloride	8.10	117	6814	2.665	ug/l	#	93

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	9052	2.909	ug/l	#	74
40) Benzene	8.36	78	20098	2.772	ug/l	#	88
41) Methacrylonitrile	7.52	41	1899m	3.237	ug/l		
42) 1,2-Dichloroethane	8.43	62	5972	2.847	ug/l		81
43) Isopropyl Acetate	8.46	43	6252	2.946	ug/l	#	72
44) Trichloroethene	9.12	130	5538	2.648	ug/l		79
45) 1,2-Dichloropropane	9.39	63	5023	2.830	ug/l	#	85
46) Dibromomethane	9.47	93	3116	3.083	ug/l		83
47) Bromodichloromethane	9.67	83	6008	2.308	ug/l	#	96
48) Methyl methacrylate	9.46	41	2702	2.657	ug/l	#	82
49) 1,4-Dioxane	9.47	88	534	38.701	ug/l	#	3
51) 4-Methyl-2-Pentanone	10.23	43	16673	15.149	ug/l		91
52) Toluene	10.40	92	14664	2.946	ug/l		88
53) t-1,3-Dichloropropene	10.62	75	6442	2.537	ug/l	#	82
54) cis-1,3-Dichloropropene	10.10	75	7271	2.487	ug/l	#	86
55) 1,1,2-Trichloroethane	10.80	97	4189	2.935	ug/l	#	70
56) Ethyl methacrylate	10.66	69	4692	2.596	ug/l	#	80
57) 1,3-Dichloropropane	10.94	76	6696	2.742	ug/l		93
58) 2-Chloroethyl Vinyl ether	9.95	63	9567	12.314	ug/l		90
59) 2-Hexanone	10.99	43	10389	13.049	ug/l		93
60) Dibromochloromethane	11.14	129	4381	2.358	ug/l		99
61) 1,2-Dibromoethane	11.24	107	3168	2.290	ug/l	#	78
64) Tetrachloroethene	10.87	164	5105	2.762	ug/l	#	77
65) Chlorobenzene	11.67	112	14631	2.691	ug/l	#	84
66) 1,1,1,2-Tetrachloroethane	11.74	131	4778	2.385	ug/l		95
67) Ethyl Benzene	11.74	91	25120	2.562	ug/l		96
68) m/p-Xylenes	11.86	106	20419	5.396	ug/l		90
69) o-Xylene	12.18	106	9086	2.508	ug/l		94
70) Styrene	12.20	104	14483	2.361	ug/l		97
71) Bromoform	12.36	173	2229	2.073	ug/l	#	92
73) Isopropylbenzene	12.48	105	22963	2.560	ug/l		97
74) N-amyl acetate	12.29	43	5856	3.032	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.73	83	4443	2.846	ug/l		89
76) 1,2,3-Trichloropropane	12.78	75	2709m	3.031	ug/l		
77) Bromobenzene	12.76	156	5622	2.515	ug/l		82
78) n-propylbenzene	12.82	91	27575	2.619	ug/l		95
79) 2-Chlorotoluene	12.91	91	16905	2.912	ug/l		91
80) 1,3,5-Trimethylbenzene	12.96	105	19678	2.629	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	1321m	2.616	ug/l		
82) 4-Chlorotoluene	13.00	91	16719	2.715	ug/l		99
83) tert-Butylbenzene	13.22	119	16591	2.491	ug/l		94
84) 1,2,4-Trimethylbenzene	13.27	105	20078	2.602	ug/l		97
85) sec-Butylbenzene	13.40	105	22634	2.516	ug/l		94
86) p-Isopropyltoluene	13.51	119	19839	2.331	ug/l		97
87) 1,3-Dichlorobenzene	13.51	146	11741	2.659	ug/l		96
88) 1,4-Dichlorobenzene	13.59	146	12370	2.839	ug/l		92
89) n-Butylbenzene	13.84	91	20316	2.564	ug/l		98
90) Hexachloroethane	14.11	117	4172	2.725	ug/l		88
91) 1,2-Dichlorobenzene	13.89	146	9813	2.579	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	14.50	75	709	2.625	ug/l		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	7684	2.617	ug/l		95
94) Hexachlorobutadiene	15.27	225	3769	2.326	ug/l		82
95) Naphthalene	15.40	128	12694	2.572	ug/l	#	85
96) 1,2,3-Trichlorobenzene	15.59	180	6662	2.629	ug/l		88

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

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