Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030519\
Data File : VW008988.D
Acq On : 05 Mar 2019 10:28
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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3/6/2019 3:20:11 PM

Quant Time: Mar 06 07:12:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	274404	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	374965	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	357876	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	196789	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	119563	46.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.92%				
35) Dibromofluoromethane	7.88	113	112585	50.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.02%				
50) Toluene-d8	10.32	98	482755	55.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.10%				
62) 4-Bromofluorobenzene	12.62	95	181673	53.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	127666	46.452	ug/l		97
3) Chloromethane	2.21	50	152018	45.439	ug/l		100
4) Vinyl Chloride	2.35	62	154077	43.498	ug/l		97
5) Bromomethane	2.76	94	120278	45.717	ug/l		95
6) Chloroethane	2.92	64	106523	42.350	ug/l		98
7) Trichlorofluoromethane	3.26	101	211694	47.254	ug/l		99
8) Diethyl Ether	3.69	74	54625	38.514	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	128120	47.095	ug/l		99
10) Methyl Iodide	4.27	142	116807	34.336	ug/l		99
11) Tert butyl alcohol	5.17	59	36554	159.538	ug/l	#	83
12) 1,1-Dichloroethene	4.04	96	111874	46.564	ug/l		97
13) Acrolein	3.90	56	48181	203.368	ug/l		98
14) Allyl chloride	4.67	41	190552	45.953	ug/l		97
15) Acrylonitrile	5.37	53	119394	196.149	ug/l		99
16) Acetone	4.12	43	142681	239.175	ug/l		94
17) Carbon Disulfide	4.38	76	357356	44.829	ug/l		99
18) Methyl Acetate	4.67	43	56409	39.866	ug/l		99
19) Methyl tert-butyl Ether	5.43	73	260384	40.040	ug/l		100
20) Methylene Chloride	4.91	84	131396	44.110	ug/l		93
21) trans-1,2-Dichloroethene	5.43	96	126316	45.451	ug/l		93
22) Diisopropyl ether	6.31	45	375006	45.335	ug/l		99
23) Vinyl Acetate	6.26	43	1068979	209.161	ug/l		99
24) 1,1-Dichloroethane	6.21	63	221222	46.152	ug/l		99
25) 2-Butanone	7.17	43	173599	208.147	ug/l		96
26) 2,2-Dichloropropane	7.17	77	209823	48.216	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	133033	44.749	ug/l		100
28) Bromochloromethane	7.51	49	89941	44.839	ug/l		99
29) Tetrahydrofuran	7.52	42	97636	183.700	ug/l		99
30) Chloroform	7.68	83	226647	46.091	ug/l		96
31) Cyclohexane	7.95	56	221460	45.643	ug/l		95
32) 1,1,1-Trichloroethane	7.87	97	215870	48.273	ug/l		98
36) 1,1-Dichloropropene	8.08	75	187254	51.302	ug/l		100
37) Ethyl Acetate	7.25	43	70904	41.773	ug/l		99
38) Carbon Tetrachloride	8.07	117	196021	50.923	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	231344	50.814	ug/l		99
40) Benzene	8.32	78	502668	50.439	ug/l		100
41) Methacrylonitrile	7.48	41	45316	45.420	ug/l	#	86
42) 1,2-Dichloroethane	8.40	62	144108	45.648	ug/l		99
43) Isopropyl Acetate	8.43	43	137356	40.547	ug/l		99
44) Trichloroethene	9.09	130	138907	49.478	ug/l		98
45) 1,2-Dichloropropane	9.37	63	122902	49.906	ug/l		93
46) Dibromomethane	9.46	93	61790	45.108	ug/l		97
47) Bromodichloromethane	9.64	83	163726	49.125	ug/l		93
48) Methyl methacrylate	9.43	41	67490	41.597	ug/l		97
49) 1,4-Dioxane	9.45	88	19496	888.740	ug/l		94
51) 4-Methyl-2-Pentanone	10.21	43	355451	206.673	ug/l		100
52) Toluene	10.39	92	348613	51.543	ug/l		100
53) t-1,3-Dichloropropene	10.60	75	160827	47.343	ug/l		95
54) cis-1,3-Dichloropropene	10.07	75	190295	49.116	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	83539	44.969	ug/l		98
56) Ethyl methacrylate	10.65	69	104299	43.214	ug/l		95
57) 1,3-Dichloropropane	10.93	76	148881	45.391	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.92	63	281735	232.092	ug/l		98
59) 2-Hexanone	10.97	43	283603	231.649	ug/l		99
60) Dibromochloromethane	11.13	129	107098	47.265	ug/l		98
61) 1,2-Dibromoethane	11.23	107	82597	44.918	ug/l		99
64) Tetrachloroethene	10.86	164	128173	50.034	ug/l		99
65) Chlorobenzene	11.66	112	374896	49.819	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.73	131	123237	48.434	ug/l		99
67) Ethyl Benzene	11.73	91	701714	52.163	ug/l		99
68) m/p-Xylenes	11.84	106	557448	103.713	ug/l		99
69) o-Xylene	12.17	106	254803	50.507	ug/l		99
70) Styrene	12.18	104	410957	50.633	ug/l		100
71) Bromoform	12.35	173	61540	44.995	ug/l	#	97
73) Isopropylbenzene	12.46	105	722859	53.582	ug/l		100
74) N-amyl acetate	12.27	43	146337	43.063	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.72	83	97861	44.395	ug/l		98
76) 1,2,3-Trichloropropane	12.77	75	70520m	43.403	ug/l		
77) Bromobenzene	12.75	156	157914	49.534	ug/l		99
78) n-propylbenzene	12.80	91	887057	53.754	ug/l		100
79) 2-Chlorotoluene	12.90	91	491318	52.439	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	623875	53.215	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	29207	43.702	ug/l		96
82) 4-Chlorotoluene	12.99	91	512943	51.952	ug/l		100
83) tert-Butylbenzene	13.21	119	527669	52.054	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	626176	51.597	ug/l		100
85) sec-Butylbenzene	13.38	105	793368	54.429	ug/l		99
86) p-Isopropyltoluene	13.50	119	704024	52.687	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	331837	50.169	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	326645	50.107	ug/l		99
89) n-Butylbenzene	13.83	91	685213	54.736	ug/l		99
90) Hexachloroethane	14.10	117	118994	54.398	ug/l		99
91) 1,2-Dichlorobenzene	13.87	146	288679	48.983	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17103	42.891	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	207036	48.756 ug/l	99
94) Hexachlorobutadiene	15.24	225	136080	54.405 ug/l	99
95) Naphthalene	15.37	128	316528	43.780 ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	176069	47.955 ug/l	100

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

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