Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062418\
Data File : VD058366.D
Acq On : 24 Jun 2018 12:36
Operator : VA/AP
Sample : VD0624SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0624SBSD01

Quant Time: Jun 25 04:00:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	984703	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	6.70	114	1210218	50.00	ug/l		0.01
63) Chlorobenzene-d5	10.70	117	987959	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	521578	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	526262	52.91	ug/l		0.02
Spiked Amount 50.000			Recovery =	105.82%			
35) Dibromofluoromethane	5.56	113	547308	55.56	ug/l		0.01
Spiked Amount 50.000			Recovery =	111.12%			
50) Toluene-d8	8.72	98	1311227	55.02	ug/l		0.01
Spiked Amount 50.000			Recovery =	110.04%			
62) 4-Bromofluorobenzene	11.94	95	518750	53.29	ug/l		0.01
Spiked Amount 50.000			Recovery =	106.58%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.35	85	241549	24.07	ug/l		96
3) Chloromethane	1.49	50	119648	25.73	ug/l	#	88
4) Vinyl Chloride	1.56	62	120092	23.28	ug/l		97
5) Bromomethane	1.80	94	34749	17.70	ug/l		100
6) Chloroethane	1.89	64	37673	18.74	ug/l		96
7) Trichlorofluoromethane	2.08	101	154833	21.89	ug/l		95
8) Diethyl Ether	2.35	74	33763	22.57	ug/l		93
9) 1,1,2-Trichlorotrifluoroet	2.57	101	96278	21.41	ug/l		94
10) Methyl Iodide	2.69	142	108224	21.16	ug/l		96
11) Tert butyl alcohol	3.29	59	31398	95.71	ug/l	#	95
12) 1,1-Dichloroethene	2.55	96	74660	22.07	ug/l		90
13) Acrolein	2.49	56	19532	104.30	ug/l	#	75
14) Allyl chloride	2.93	41	175728	22.32	ug/l		97
15) Acrylonitrile	3.38	53	128462	147.69	ug/l		97
16) Acetone	2.62	43	150487	110.63	ug/l		100
17) Carbon Disulfide	2.76	76	232562	20.21	ug/l		98
18) Methyl Acetate	2.95	43	50141	17.28	ug/l		95
19) Methyl tert-butyl Ether	3.41	73	357242	39.81	ug/l		99
20) Methylene Chloride	3.08	84	82394	20.38	ug/l		98
21) trans-1,2-Dichloroethene	3.39	96	163650	44.26	ug/l		88
22) Diisopropyl ether	4.08	45	653856	20.91	ug/l		99
23) Vinyl Acetate	4.02	43	1753295	104.59	ug/l		99
24) 1,1-Dichloroethane	3.98	63	369425	21.93	ug/l		99
25) 2-Butanone	4.85	43	300323	101.30	ug/l		99
26) 2,2-Dichloropropane	4.81	77	322024	22.83	ug/l		98
27) cis-1,2-Dichloroethene	4.82	96	216977	23.48	ug/l		93
28) Bromochloromethane	5.16	49	158850	21.03	ug/l		92
29) Tetrahydrofuran	5.20	42	151926	96.28	ug/l		98
30) Chloroform	5.33	83	386869	21.75	ug/l		96
31) Cyclohexane	5.60	56	300446	21.59	ug/l		95
32) 1,1,1-Trichloroethane	5.52	97	327543	22.29	ug/l		96
36) 1,1-Dichloropropene	5.76	75	284094	23.73	ug/l		96
37) Ethyl Acetate	4.93	43	144580	21.20	ug/l		99
38) Carbon Tetrachloride	5.74	117	281713	23.68	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.29	83	277619	23.81	ug/l		96
40) Benzene	6.02	78	634357	22.24	ug/l		99
41) Methacrylonitrile	5.14	41	74818	22.71	ug/l		96
42) 1,2-Dichloroethane	6.14	62	257495	22.39	ug/l		100
43) Isopropyl Acetate	7.63	43	191419	21.05	ug/l	#	99
44) Trichloroethene	7.00	130	222080	25.93	ug/l		99
45) 1,2-Dichloropropane	7.36	63	174099	22.67	ug/l		98
46) Dibromomethane	7.48	93	116810	22.28	ug/l		95
47) Bromodichloromethane	7.75	83	279041	23.34	ug/l	#	95
48) Methyl methacrylate	7.52	41	119429	21.61	ug/l		94
49) 1,4-Dioxane	7.50	88	23089	462.77	ug/l		95
51) 4-Methyl-2-Pentanone	8.61	43	639957	107.88	ug/l		97
52) Toluene	8.82	92	375650	23.13	ug/l		95
53) t-1,3-Dichloropropene	9.20	75	233205	22.43	ug/l		96
54) cis-1,3-Dichloropropene	8.37	75	273495	22.44	ug/l		99
55) 1,1,2-Trichloroethane	9.47	97	124824	21.73	ug/l		93
56) Ethyl methacrylate	9.33	69	150823	21.95	ug/l		99
57) 1,3-Dichloropropane	9.67	76	215156	22.23	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.20	63	390850	114.90	ug/l		94
59) 2-Hexanone	9.80	43	490647	114.47	ug/l		95
60) Dibromochloromethane	9.97	129	175975	22.57	ug/l		98
61) 1,2-Dibromoethane	10.11	107	139948	22.26	ug/l		93
64) Tetrachloroethene	9.53	164	196715	23.66	ug/l		98
65) Chlorobenzene	10.74	112	434324	23.50	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.86	131	160119	22.45	ug/l		96
67) Ethyl Benzene	10.87	91	723438	22.17	ug/l		99
68) m/p-Xylenes	11.02	106	521634	47.94	ug/l		98
69) o-Xylene	11.42	106	252257	24.28	ug/l		98
70) Styrene	11.45	104	417894	23.57	ug/l		98
71) Bromoform	11.61	173	126822	22.29	ug/l		95
73) Isopropylbenzene	11.78	105	712662	22.84	ug/l		100
74) N-amyl acetate	11.65	43	254100	21.06	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.09	83	154023	21.21	ug/l		95
76) 1,2,3-Trichloropropane	12.12	75	166606	21.88	ug/l		98
77) Bromobenzene	12.05	156	211881	22.68	ug/l		82
78) n-propylbenzene	12.16	91	947262	23.51	ug/l		100
79) 2-Chlorotoluene	12.22	91	521039	22.60	ug/l		97
80) 1,3,5-Trimethylbenzene	12.33	105	561427	23.07	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.85	75	35619	19.18	ug/l		94
82) 4-Chlorotoluene	12.33	91	594123	23.57	ug/l		91
83) tert-Butylbenzene	12.59	119	641294	22.92	ug/l		97
84) 1,2,4-Trimethylbenzene	12.64	105	604022	22.84	ug/l		95
85) sec-Butylbenzene	12.77	105	769795	23.48	ug/l		97
86) p-Isopropyltoluene	12.89	119	643488	24.22	ug/l		97
87) 1,3-Dichlorobenzene	12.85	146	376318	23.18	ug/l		98
88) 1,4-Dichlorobenzene	12.93	146	365053	23.02	ug/l		94
89) n-Butylbenzene	13.21	91	670545	24.01	ug/l		98
90) Hexachloroethane	13.41	117	156677	22.72	ug/l		67
91) 1,2-Dichlorobenzene	13.20	146	318853	23.07	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	27264	23.60	ug/l		69

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	283723	21.47 ug/l	96
94) Hexachlorobutadiene	14.44	225	226882	21.95 ug/l	98
95) Naphthalene	14.53	128	361287	20.75 ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	254004	21.95 ug/l	94

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

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