Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
Data File : VD070718.D
Acq On : 15 Oct 2021 16:13
Operator : VA/SY
Sample : VD1015SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

Manual Integrations APPROVED
MMDadoda
10/18/2021 5:51:14 PM

Quant Time: Oct 18 08:33:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	437051	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	730644	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	702560	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	342640	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	245042	47.34	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.68%				
35) Dibromofluoromethane	7.908	113	213014	45.53	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.06%				
50) Toluene-d8	10.332	98	830756	46.32	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.64%				
62) 4-Bromofluorobenzene	12.620	95	286724	46.43	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	96676	18.92	ug/l		97
3) Chloromethane	2.209	50	140173	18.49	ug/l		97
4) Vinyl Chloride	2.344	62	144128	18.55	ug/l		98
5) Bromomethane	2.750	94	96727	20.42	ug/l		99
6) Chloroethane	2.909	64	92623	18.93	ug/l		95
7) Trichlorofluoromethane	3.268	101	169942	19.35	ug/l		94
8) Diethyl Ether	3.709	74	44854	19.17	ug/l		74
9) 1,1,2-Trichlorotrifluo...	4.091	101	101077	19.24	ug/l		97
10) Methyl Iodide	4.297	142	68053	14.98	ug/l		98
11) Tert butyl alcohol	5.226	59	30838	106.42	ug/l	#	91
12) 1,1-Dichloroethene	4.062	96	90391	19.03	ug/l		84
13) Acrolein	3.915	56	29534	105.30	ug/l		99
14) Allyl chloride	4.709	41	167088	18.58	ug/l	#	90
15) Acrylonitrile	5.420	53	122407	99.33	ug/l		99
16) Acetone	4.150	43	110475	88.48	ug/l		91
17) Carbon Disulfide	4.409	76	312936	18.08	ug/l		98
18) Methyl Acetate	4.715	43	86981	20.04	ug/l	#	86
19) Methyl tert-butyl Ether	5.479	73	198377	19.31	ug/l		98
20) Methylene Chloride	4.956	84	154719	20.84	ug/l	#	86
21) trans-1,2-Dichloroethene	5.467	96	103548	19.00	ug/l		89
22) Diisopropyl ether	6.362	45	363027	20.73	ug/l	#	93
23) Vinyl Acetate	6.303	43	799549	96.88	ug/l	#	91
24) 1,1-Dichloroethane	6.256	63	215446	19.75	ug/l		99
25) 2-Butanone	7.209	43	145655	94.43	ug/l	#	89
26) 2,2-Dichloropropane	7.203	77	164266	19.04	ug/l		98
27) cis-1,2-Dichloroethene	7.209	96	113997	19.51	ug/l		92
28) Bromochloromethane	7.544	49	92798	21.40	ug/l		85
29) Tetrahydrofuran	7.561	42	96297	101.98	ug/l	#	81
30) Chloroform	7.708	83	212322	19.92	ug/l		98
31) Cyclohexane	7.979	56	190740	18.21	ug/l		90
32) 1,1,1-Trichloroethane	7.903	97	173553	19.20	ug/l		95
36) 1,1-Dichloropropene	8.108	75	159365	19.58	ug/l		96
37) Ethyl Acetate	7.297	43	72792	21.59	ug/l	#	93
38) Carbon Tetrachloride	8.091	117	151170	19.39	ug/l		99
39) Methylcyclohexane	9.350	83	165956	18.08	ug/l		89
40) Benzene	8.350	78	455421	19.43	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	43958	21.81	ug/l	#	55
42) 1,2-Dichloroethane	8.420	62	133565	20.08	ug/l		97
43) Isopropyl Acetate	8.450	43	125275	19.48	ug/l		93
44) Trichloroethene	9.108	130	103092	18.73	ug/l		94
45) 1,2-Dichloropropane	9.385	63	123291	19.91	ug/l		98
46) Dibromomethane	9.467	93	58612	19.76	ug/l		94
47) Bromodichloromethane	9.655	83	153841	19.55	ug/l		99
48) Methyl methacrylate	9.450	41	64134	20.35	ug/l	#	79
49) 1,4-Dioxane	9.450	88	12362	388.17	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.220	43	347024	102.35	ug/l		88
52) Toluene	10.397	92	274894	19.70	ug/l		95
53) t-1,3-Dichloropropene	10.614	75	137571	19.57	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	166557	19.80	ug/l	#	85
55) 1,1,2-Trichloroethane	10.791	97	86014	21.12	ug/l		98
56) Ethyl methacrylate	10.655	69	92340	19.43	ug/l	#	79
57) 1,3-Dichloropropane	10.938	76	143967	19.92	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.938	63	220970	102.99	ug/l		94
59) 2-Hexanone	10.979	43	233117	97.68	ug/l		85
60) Dibromochloromethane	11.132	129	93505	19.97	ug/l		100
61) 1,2-Dibromoethane	11.238	107	72478	19.45	ug/l		99
64) Tetrachloroethene	10.867	164	87685	18.57	ug/l		90
65) Chlorobenzene	11.661	112	281025	19.50	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	102413	19.21	ug/l		96
67) Ethyl Benzene	11.738	91	492490	18.69	ug/l		96
68) m/p-Xylenes	11.844	106	385949	38.67	ug/l		96
69) o-Xylene	12.173	106	166926	18.44	ug/l		94
70) Styrene	12.185	104	311239	19.78	ug/l		97
71) Bromoform	12.349	173	53972	19.50	ug/l	#	100
73) Isopropylbenzene	12.467	105	445368	18.24	ug/l		100
74) N-amyl acetate	12.279	43	124539	19.59	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	96270	19.93	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	58394m	19.73	ug/l		
77) Bromobenzene	12.749	156	108959	19.71	ug/l		99
78) n-propylbenzene	12.808	91	600949	18.94	ug/l		98
79) 2-Chlorotoluene	12.896	91	357004	19.47	ug/l		97
80) 1,3,5-Trimethylbenzene	12.949	105	398567	19.31	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	26798	19.83	ug/l		90
82) 4-Chlorotoluene	12.996	91	373092	19.23	ug/l		97
83) tert-Butylbenzene	13.214	119	312902	18.35	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	398451	19.42	ug/l		100
85) sec-Butylbenzene	13.391	105	506363	18.89	ug/l		100
86) p-Isopropyltoluene	13.502	119	409404	19.00	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	225395	19.42	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	222751	19.44	ug/l		98
89) n-Butylbenzene	13.832	91	395242	18.17	ug/l		98
90) Hexachloroethane	14.096	117	90585	19.48	ug/l		96
91) 1,2-Dichlorobenzene	13.879	146	197720	19.93	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14548	18.89	ug/l		91
93) 1,2,4-Trichlorobenzene	15.143	180	103564	18.25	ug/l		97
94) Hexachlorobutadiene	15.249	225	69655	18.72	ug/l		100
95) Naphthalene	15.385	128	175646	19.11	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	92816	18.41	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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