Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012221\
Data File : VD068149.D
Acq On : 22 Jan 2021 12:22
Operator : VA/SY
Sample : VD0122SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 22 23:57:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0122SBS01

Manual Integrations APPROVED
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1/26/2021 10:42:28 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	396405	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	702263	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.650	117	630652	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	285025	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	187510	49.45	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.90%				
35) Dibromofluoromethane	7.920	113	186778	48.11	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.22%				
50) Toluene-d8	10.344	98	710934	45.78	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.56%				
62) 4-Bromofluorobenzene	12.632	95	257297	46.01	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	98735	20.97	ug/l		98
3) Chloromethane	2.209	50	117637	23.20	ug/l		98
4) Vinyl Chloride	2.350	62	130933	23.21	ug/l		99
5) Bromomethane	2.762	94	89123	23.04	ug/l		98
6) Chloroethane	2.921	64	80977	23.50	ug/l		98
7) Trichlorofluoromethane	3.279	101	153752	20.77	ug/l		96
8) Diethyl Ether	3.709	74	47107	21.61	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.103	101	90955	21.06	ug/l		92
10) Methyl Iodide	4.303	142	84421	19.49	ug/l		93
11) Tert butyl alcohol	5.203	59	42065m	79.12	ug/l		
12) 1,1-Dichloroethene	4.068	96	91055	20.97	ug/l		94
13) Acrolein	3.926	56	30493	102.04	ug/l		97
14) Allyl chloride	4.715	41	138914	21.99	ug/l		96
15) Acrylonitrile	5.426	53	96825	112.13	ug/l		99
16) Acetone	4.162	43	72081	106.46	ug/l		92
17) Carbon Disulfide	4.415	76	294663	21.07	ug/l		97
18) Methyl Acetate	4.721	43	41977	23.89	ug/l	#	88
19) Methyl tert-butyl Ether	5.473	73	218401	21.75	ug/l		92
20) Methylene Chloride	4.968	84	111581	21.31	ug/l	#	86
21) trans-1,2-Dichloroethene	5.473	96	106845	21.43	ug/l		94
22) Diisopropyl ether	6.362	45	286011	22.44	ug/l	#	94
23) Vinyl Acetate	6.303	43	748385	110.14	ug/l		94
24) 1,1-Dichloroethane	6.267	63	180829	21.89	ug/l		98
25) 2-Butanone	7.215	43	107150	105.10	ug/l		96
26) 2,2-Dichloropropane	7.209	77	163784	20.96	ug/l		98
27) cis-1,2-Dichloroethene	7.215	96	116963	21.61	ug/l		90
28) Bromochloromethane	7.544	49	65494	23.28	ug/l	#	78
29) Tetrahydrofuran	7.567	42	72742	110.07	ug/l		92
30) Chloroform	7.714	83	182800	21.90	ug/l		96
31) Cyclohexane	7.985	56	168059	20.47	ug/l		94
32) 1,1,1-Trichloroethane	7.903	97	159531	21.21	ug/l		94
36) 1,1-Dichloropropene	8.114	75	144384	20.39	ug/l		97
37) Ethyl Acetate	7.291	43	54971	21.94	ug/l		96
38) Carbon Tetrachloride	8.103	117	133133	20.08	ug/l		94
39) Methylcyclohexane	9.356	83	181660	19.62	ug/l		98
40) Benzene	8.356	78	422975	21.36	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	31073m	20.55	ug/l		
42) 1,2-Dichloroethane	8.426	62	111750	21.12	ug/l		98
43) Isopropyl Acetate	8.456	43	108938	20.87	ug/l		94
44) Trichloroethene	9.114	130	112053	20.61	ug/l		97
45) 1,2-Dichloropropane	9.391	63	102985	21.24	ug/l		94
46) Dibromomethane	9.479	93	52893	21.53	ug/l		91
47) Bromodichloromethane	9.661	83	141566	21.35	ug/l		97
48) Methyl methacrylate	9.456	41	55429	21.33	ug/l		95
49) 1,4-Dioxane	9.461	88	11817	410.41	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.232	43	254515	104.88	ug/l		96
52) Toluene	10.403	92	268347	20.80	ug/l		96
53) t-1,3-Dichloropropene	10.626	75	140931	21.00	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	165312	20.70	ug/l		94
55) 1,1,2-Trichloroethane	10.803	97	74727	21.46	ug/l		97
56) Ethyl methacrylate	10.661	69	94871	20.45	ug/l	#	91
57) 1,3-Dichloropropane	10.950	76	130545	21.25	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	234692	109.65	ug/l		93
59) 2-Hexanone	10.985	43	169675	100.87	ug/l		99
60) Dibromochloromethane	11.144	129	91617	20.99	ug/l		100
61) 1,2-Dibromoethane	11.250	107	70872	20.63	ug/l		99
64) Tetrachloroethene	10.879	164	89789	20.20	ug/l		96
65) Chlorobenzene	11.673	112	279521	20.86	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	98837	20.97	ug/l		98
67) Ethyl Benzene	11.750	91	517455	20.86	ug/l		97
68) m/p-Xylenes	11.855	106	383694	40.96	ug/l		98
69) o-Xylene	12.185	106	182329	20.96	ug/l		95
70) Styrene	12.197	104	306087	20.61	ug/l		98
71) Bromoform	12.367	173	49165	20.58	ug/l	#	100
73) Isopropylbenzene	12.479	105	487591	20.56	ug/l		99
74) N-amyl acetate	12.291	43	100480	20.38	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	78556	20.82	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	50101m	18.18	ug/l		
77) Bromobenzene	12.761	156	106553	20.96	ug/l		88
78) n-propylbenzene	12.820	91	571508	20.37	ug/l		97
79) 2-Chlorotoluene	12.908	91	326679	20.74	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	400651	20.28	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	26896	19.75	ug/l		96
82) 4-Chlorotoluene	13.008	91	341840	20.87	ug/l		96
83) tert-Butylbenzene	13.226	119	335593	20.05	ug/l		96
84) 1,2,4-Trimethylbenzene	13.267	105	397938	20.30	ug/l		98
85) sec-Butylbenzene	13.402	105	476432	20.35	ug/l		97
86) p-Isopropyltoluene	13.514	119	427239	20.06	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	202303	20.69	ug/l		99
88) 1,4-Dichlorobenzene	13.597	146	199953	20.76	ug/l		99
89) n-Butylbenzene	13.844	91	410760	20.10	ug/l		98
90) Hexachloroethane	14.114	117	79736	20.73	ug/l		87
91) 1,2-Dichlorobenzene	13.891	146	173189	20.68	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12968	21.00	ug/l		78
93) 1,2,4-Trichlorobenzene	15.161	180	116903	20.36	ug/l		99
94) Hexachlorobutadiene	15.267	225	60475	19.00	ug/l		100
95) Naphthalene	15.402	128	217064	20.17	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	99310	20.51	ug/l		98

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

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