Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
Data File : VD069664.D
Acq On : 13 Jul 2021 11:38
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
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7/15/2021 5:31:11 PM

Quant Time: Jul 14 05:38:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 05:37:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	591121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1100763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1033001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	467924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	79382	10.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.640%#		
35) Dibromofluoromethane	7.920	113	77413	10.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.140%#		
50) Toluene-d8	10.338	98	286858	10.089	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.180%#		
62) 4-Bromofluorobenzene	12.626	95	92815	9.686	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.380%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	47737	8.073	ug/l	98
3) Chloromethane	2.209	50	72122	8.656	ug/l	99
4) Vinyl Chloride	2.350	62	81580	9.075	ug/l	97
5) Bromomethane	2.762	94	60505	10.097	ug/l	96
6) Chloroethane	2.914	64	55661	9.519	ug/l	99
7) Trichlorofluoromethane	3.273	101	113662	9.890	ug/l	100
8) Diethyl Ether	3.709	74	31912	9.521	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	68873	9.681	ug/l	99
10) Methyl Iodide	4.303	142	50457	7.636	ug/l	100
11) Tert butyl alcohol	5.185	59	62577	68.716	ug/l #	79
12) 1,1-Dichloroethene	4.067	96	61183	9.319	ug/l	95
13) Acrolein	3.926	56	27482	53.019	ug/l	93
14) Allyl chloride	4.709	41	90191	8.891	ug/l	98
15) Acrylonitrile	5.414	53	72092	47.478	ug/l	100
16) Acetone	4.156	43	73959	53.532	ug/l	90
17) Carbon Disulfide	4.403	76	178459	8.092	ug/l	96
18) Methyl Acetate	4.720	43	55106	13.325	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	117632	8.486	ug/l	97
20) Methylene Chloride	4.967	84	139511	11.246	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	73754	9.645	ug/l	98
22) Diisopropyl ether	6.367	45	177232	8.524	ug/l	97
23) Vinyl Acetate	6.308	43	381791	37.434	ug/l	100
24) 1,1-Dichloroethane	6.261	63	145721	10.081	ug/l	96
25) 2-Butanone	7.208	43	87706	48.956	ug/l	99
26) 2,2-Dichloropropane	7.208	77	116356	9.992	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	78892	9.506	ug/l	97
28) Bromochloromethane	7.538	49	53615	9.635	ug/l	100
29) Tetrahydrofuran	7.567	42	48734	44.277	ug/l	97
30) Chloroform	7.708	83	147000	10.184	ug/l	91
31) Cyclohexane	7.979	56	103792	8.360	ug/l #	80
32) 1,1,1-Trichloroethane	7.902	97	124598	10.215	ug/l	100
36) 1,1-Dichloropropene	8.108	75	107123	9.384	ug/l	98
37) Ethyl Acetate	7.297	43	43061	9.850	ug/l	99
38) Carbon Tetrachloride	8.091	117	101661	9.743	ug/l	96
39) Methylcyclohexane	9.355	83	92829	7.573	ug/l	96
40) Benzene	8.350	78	312660	9.486	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	20044	9.231	ug/l		95
42) 1,2-Dichloroethane	8.426	62	90615	10.264	ug/l		99
43) Isopropyl Acetate	8.450	43	77830	9.723	ug/l		99
44) Trichloroethene	9.108	130	76086	9.537	ug/l		96
45) 1,2-Dichloropropane	9.385	63	83639	9.748	ug/l		93
46) Dibromomethane	9.473	93	41059	9.633	ug/l		98
47) Bromodichloromethane	9.655	83	113433	10.163	ug/l		94
48) Methyl methacrylate	9.449	41	33095	8.828	ug/l	#	90
49) 1,4-Dioxane	9.461	88	7882	179.409	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.226	43	195557	47.068	ug/l		99
52) Toluene	10.396	92	183586	9.273	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	89439	9.478	ug/l		97
54) cis-1,3-Dichloropropene	10.085	75	114116	9.904	ug/l		99
55) 1,1,2-Trichloroethane	10.796	97	58563	9.911	ug/l		93
56) Ethyl methacrylate	10.655	69	57444	8.448	ug/l		96
57) 1,3-Dichloropropane	10.944	76	105381	10.115	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	125157	41.125	ug/l		100
59) 2-Hexanone	10.979	43	123664	44.603	ug/l		100
60) Dibromochloromethane	11.132	129	71980	10.354	ug/l		96
61) 1,2-Dibromoethane	11.238	107	55436	10.043	ug/l		99
64) Tetrachloroethene	10.873	164	63606	10.065	ug/l		97
65) Chlorobenzene	11.661	112	204040	9.791	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	76097	10.145	ug/l		99
67) Ethyl Benzene	11.738	91	338113	9.179	ug/l		97
68) m/p-Xylenes	11.849	106	251543	18.066	ug/l		98
69) o-Xylene	12.173	106	110747	8.749	ug/l		99
70) Styrene	12.190	104	199727	8.996	ug/l		97
71) Bromoform	12.349	173	36808	10.084	ug/l	#	99
73) Isopropylbenzene	12.473	105	300525	9.018	ug/l		99
74) N-amyl acetate	12.279	43	67982	9.317	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.720	83	71733	10.647	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	46314m	10.892	ug/l		
77) Bromobenzene	12.755	156	73121	9.824	ug/l		97
78) n-propylbenzene	12.814	91	381574	8.974	ug/l		98
79) 2-Chlorotoluene	12.896	91	239450	9.582	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	259128	9.159	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	16600	9.690	ug/l		99
82) 4-Chlorotoluene	12.996	91	253298	9.643	ug/l		99
83) tert-Butylbenzene	13.214	119	209181	9.024	ug/l		100
84) 1,2,4-Trimethylbenzene	13.261	105	255711	9.091	ug/l		99
85) sec-Butylbenzene	13.390	105	320478	8.806	ug/l		99
86) p-Isopropyltoluene	13.508	119	266081	8.962	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	151238	9.813	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	155242	10.013	ug/l		96
89) n-Butylbenzene	13.832	91	262727	8.934	ug/l		98
90) Hexachloroethane	14.102	117	55056	9.058	ug/l		97
91) 1,2-Dichlorobenzene	13.879	146	131888	9.861	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10731	10.417	ug/l		92
93) 1,2,4-Trichlorobenzene	15.149	180	68132	9.132	ug/l		99
94) Hexachlorobutadiene	15.249	225	41009	9.209	ug/l		96
95) Naphthalene	15.384	128	116271	8.631	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	59726	9.358	ug/l		97

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

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