Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
Data File : VD071432.D
Acq On : 22 Dec 2021 20:44
Operator : VA/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 23 08:10:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 07:34:11 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	383901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	639507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	599050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	280957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	740957	177.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 354.640%#			
35) Dibromofluoromethane	7.914	113	641206	172.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 344.900%#			
50) Toluene-d8	10.332	98	2511378	177.249	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 354.500%#			
62) 4-Bromofluorobenzene	12.620	95	875672	178.017	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 356.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	539954	177.532	ug/l	96
3) Chloromethane	2.209	50	693698	173.303	ug/l	100
4) Vinyl Chloride	2.350	62	845847	189.185	ug/l	96
5) Bromomethane	2.750	94	602536	187.062	ug/l	98
6) Chloroethane	2.915	64	574136	188.638	ug/l	92
7) Trichlorofluoromethane	3.268	101	1079473	180.606	ug/l	98
8) Diethyl Ether	3.709	74	292135	179.286	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	614935	175.128	ug/l	95
10) Methyl Iodide	4.297	142	727372	210.386	ug/l	94
11) Tert butyl alcohol	5.226	59	184063	378.638	ug/l	95
12) 1,1-Dichloroethene	4.067	96	571134	175.904	ug/l #	80
13) Acrolein	3.926	56	164103	582.629	ug/l	99
14) Allyl chloride	4.714	41	1131096	184.468	ug/l #	78
15) Acrylonitrile	5.414	53	712537	891.425	ug/l	95
16) Acetone	4.156	43	867383	881.028	ug/l #	86
17) Carbon Disulfide	4.409	76	1823741	188.959	ug/l	99
18) Methyl Acetate	4.714	43	502572	162.474	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	1475521	184.327	ug/l	98
20) Methylene Chloride	4.962	84	663288	124.419	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	675094	184.941	ug/l	88
22) Diisopropyl ether	6.361	45	2294288	186.393	ug/l	92
23) Vinyl Acetate	6.303	43	6160264	1049.161	ug/l	97
24) 1,1-Dichloroethane	6.261	63	1264774	179.130	ug/l	99
25) 2-Butanone	7.208	43	1052370	925.279	ug/l	89
26) 2,2-Dichloropropane	7.203	77	1106541	173.638	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	756835	184.317	ug/l	92
28) Bromochloromethane	7.544	49	498789	162.712	ug/l	89
29) Tetrahydrofuran	7.561	42	620415	928.343	ug/l	93
30) Chloroform	7.708	83	1283201	180.496	ug/l	100
31) Cyclohexane	7.979	56	1171878	166.812	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	1173683	184.955	ug/l	94
36) 1,1-Dichloropropene	8.108	75	1017354	187.219	ug/l	97
37) Ethyl Acetate	7.291	43	443447	183.658	ug/l #	92
38) Carbon Tetrachloride	8.097	117	1047043	196.074	ug/l	99
39) Methylcyclohexane	9.350	83	1214411	186.065	ug/l	98
40) Benzene	8.350	78	2744961	186.095	ug/l	99

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41) Methacrylonitrile	7.520	41	259581	181.330	ug/l	#	80
42) 1,2-Dichloroethane	8.420	62	865275	190.018	ug/l		94
43) Isopropyl Acetate	8.444	43	890547	189.676	ug/l	#	89
44) Trichloroethene	9.108	130	703954	179.643	ug/l		96
45) 1,2-Dichloropropane	9.379	63	690222	178.578	ug/l		99
46) Dibromomethane	9.473	93	366579	180.345	ug/l		96
47) Bromodichloromethane	9.655	83	985346	184.858	ug/l		99
48) Methyl methacrylate	9.450	41	449750	192.917	ug/l	#	79
49) 1,4-Dioxane	9.455	88	76121	3788.679	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.220	43	2308796	969.283	ug/l		90
52) Toluene	10.397	92	1792399	192.069	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	942395	192.971	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	1109393	191.453	ug/l	#	80
55) 1,1,2-Trichloroethane	10.791	97	486080	182.198	ug/l		96
56) Ethyl methacrylate	10.655	69	673024	199.857	ug/l	#	73
57) 1,3-Dichloropropane	10.938	76	887600	190.183	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	1553316	850.258	ug/l		100
59) 2-Hexanone	10.979	43	1665383	960.914	ug/l		88
60) Dibromochloromethane	11.132	129	627253	189.473	ug/l		100
61) 1,2-Dibromoethane	11.238	107	472218	184.038	ug/l		99
64) Tetrachloroethene	10.873	164	597276	173.691	ug/l		97
65) Chlorobenzene	11.661	112	1808637	180.493	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.732	131	671990	183.539	ug/l		99
67) Ethyl Benzene	11.738	91	3529668	187.721	ug/l		98
68) m/p-Xylenes	11.844	106	2650051	372.594	ug/l		95
69) o-Xylene	12.173	106	1258165	188.669	ug/l		97
70) Styrene	12.185	104	2140222	190.535	ug/l		95
71) Bromoform	12.349	173	346140	179.889	ug/l	#	100
73) Isopropylbenzene	12.467	105	3381825	186.149	ug/l		99
74) N-amyl acetate	12.279	43	881500	196.636	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	539291	176.749	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	468400m	186.168	ug/l		
77) Bromobenzene	12.749	156	710345	179.418	ug/l		96
78) n-propylbenzene	12.814	91	4207849	185.728	ug/l		100
79) 2-Chlorotoluene	12.896	91	2347062	184.300	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	2828262	188.829	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	171088	185.652	ug/l	#	75
82) 4-Chlorotoluene	12.996	91	2451390	185.191	ug/l		99
83) tert-Butylbenzene	13.214	119	2395524	186.184	ug/l		95
84) 1,2,4-Trimethylbenzene	13.255	105	2793160	191.111	ug/l		97
85) sec-Butylbenzene	13.390	105	3619586	184.264	ug/l		100
86) p-Isopropyltoluene	13.502	119	3062893	190.737	ug/l		97
87) 1,3-Dichlorobenzene	13.508	146	1432300	182.132	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	1409509	180.178	ug/l		99
89) n-Butylbenzene	13.832	91	2995871	191.656	ug/l		99
90) Hexachloroethane	14.096	117	565312	186.440	ug/l		93
91) 1,2-Dichlorobenzene	13.879	146	1223840	182.316	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	91490	181.601	ug/l		97
93) 1,2,4-Trichlorobenzene	15.143	180	746269	179.329	ug/l		99
94) Hexachlorobutadiene	15.249	225	396441	169.378	ug/l		99
95) Naphthalene	15.385	128	1427730	192.118	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	629961	177.760	ug/l		97

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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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