Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
Data File : VD071433.D
Acq On : 22 Dec 2021 22:08
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

Quant Time: Dec 23 15:51:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	669573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1191284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1114434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	531147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240193	27.011	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	54.020%		
35) Dibromofluoromethane	7.909	113	200228	25.009	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	50.020%#		
50) Toluene-d8	10.332	98	770794	25.476	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	50.960%		
62) 4-Bromofluorobenzene	12.626	95	266108	24.751	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	49.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	168661	24.039	ug/l	99
3) Chloromethane	2.209	50	239069	26.611	ug/l	99
4) Vinyl Chloride	2.350	62	266931	24.794	ug/l	99
5) Bromomethane	2.762	94	191491	25.425	ug/l	99
6) Chloroethane	2.921	64	179094	25.066	ug/l	93
7) Trichlorofluoromethane	3.274	101	330206	25.054	ug/l	98
8) Diethyl Ether	3.709	74	99991	26.501	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	188819	24.625	ug/l	96
10) Methyl Iodide	4.303	142	187357	25.126	ug/l	95
11) Tert butyl alcohol	5.226	59	80232	91.718	ug/l #	92
12) 1,1-Dichloroethene	4.068	96	179112	25.676	ug/l	85
13) Acrolein	3.921	56	54984	127.999	ug/l	99
14) Allyl chloride	4.715	41	349856	26.515	ug/l #	80
15) Acrylonitrile	5.415	53	256603	138.097	ug/l	95
16) Acetone	4.156	43	306116	137.050	ug/l #	86
17) Carbon Disulfide	4.409	76	571991	25.166	ug/l	97
18) Methyl Acetate	4.709	43	196838	28.552	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	484986	26.932	ug/l	99
20) Methylene Chloride	4.962	84	234266	24.232	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	203679	25.208	ug/l	84
22) Diisopropyl ether	6.368	45	726032	27.030	ug/l	93
23) Vinyl Acetate	6.303	43	1939790	140.088	ug/l	97
24) 1,1-Dichloroethane	6.262	63	403518	26.205	ug/l	98
25) 2-Butanone	7.209	43	368003	137.935	ug/l	92
26) 2,2-Dichloropropane	7.203	77	315349	24.924	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	239042	26.748	ug/l	92
28) Bromochloromethane	7.544	49	163481	25.907	ug/l	89
29) Tetrahydrofuran	7.556	42	224168	139.942	ug/l	93
30) Chloroform	7.709	83	410495	26.420	ug/l	95
31) Cyclohexane	7.979	56	367907	24.355	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	353528	25.655	ug/l	95
36) 1,1-Dichloropropene	8.109	75	305154	23.856	ug/l	97
37) Ethyl Acetate	7.291	43	150906	25.554	ug/l #	92
38) Carbon Tetrachloride	8.091	117	304999	24.168	ug/l	99
39) Methylcyclohexane	9.350	83	363483	24.275	ug/l	98
40) Benzene	8.350	78	857605	24.940	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.515	41	77358	22.054	ug/l		88
42) 1,2-Dichloroethane	8.420	62	284961	25.414	ug/l		94
43) Isopropyl Acetate	8.444	43	301746	25.748	ug/l	#	89
44) Trichloroethene	9.109	130	222738	24.857	ug/l		97
45) 1,2-Dichloropropane	9.385	63	229846	25.759	ug/l		98
46) Dibromomethane	9.473	93	124828	25.322	ug/l		95
47) Bromodichloromethane	9.656	83	320624	25.618	ug/l		99
48) Methyl methacrylate	9.450	41	154317	26.610	ug/l	#	79
49) 1,4-Dioxane	9.456	88	28699	515.184	ug/l		97
51) 4-Methyl-2-Pentanone	10.220	43	801770	130.040	ug/l		90
52) Toluene	10.397	92	545531	24.974	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	306066	26.188	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	347759	25.750	ug/l	#	77
55) 1,1,2-Trichloroethane	10.797	97	166402	26.594	ug/l		94
56) Ethyl methacrylate	10.656	69	220443	26.772	ug/l	#	71
57) 1,3-Dichloropropane	10.938	76	292487	25.519	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	521975	132.338	ug/l		100
59) 2-Hexanone	10.979	43	571310	131.090	ug/l		89
60) Dibromochloromethane	11.132	129	204581	26.009	ug/l		99
61) 1,2-Dibromoethane	11.238	107	160714	25.932	ug/l		98
64) Tetrachloroethene	10.873	164	181854	23.482	ug/l		95
65) Chlorobenzene	11.661	112	571735	25.011	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	212266	25.418	ug/l		98
67) Ethyl Benzene	11.738	91	1081760	25.428	ug/l		99
68) m/p-Xylenes	11.844	106	817666	50.589	ug/l		95
69) o-Xylene	12.173	106	386080	26.132	ug/l		96
70) Styrene	12.191	104	673905	26.257	ug/l		97
71) Bromoform	12.355	173	121050	26.787	ug/l	#	99
73) Isopropylbenzene	12.473	105	1021154	24.937	ug/l		98
74) N-amyl acetate	12.279	43	284701	25.914	ug/l		89
75) 1,1,2,2-Tetrachloroethane	12.720	83	191878	25.918	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	257716	40.836	ug/l	#	1
77) Bromobenzene	12.750	156	225467	24.744	ug/l		95
78) n-propylbenzene	12.808	91	1284418	25.024	ug/l		100
79) 2-Chlorotoluene	12.897	91	721991	25.170	ug/l		99
80) 1,3,5-Trimethylbenzene	12.950	105	854158	25.289	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	56778	25.420	ug/l	#	75
82) 4-Chlorotoluene	12.997	91	748929	25.171	ug/l		100
83) tert-Butylbenzene	13.214	119	725515	25.138	ug/l		94
84) 1,2,4-Trimethylbenzene	13.255	105	865366	25.887	ug/l		96
85) sec-Butylbenzene	13.391	105	1093445	24.851	ug/l		100
86) p-Isopropyltoluene	13.502	119	922208	25.260	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	457510	24.931	ug/l		97
88) 1,4-Dichlorobenzene	13.585	146	456759	25.384	ug/l		98
89) n-Butylbenzene	13.832	91	891999	24.893	ug/l		98
90) Hexachloroethane	14.097	117	176038	25.454	ug/l		91
91) 1,2-Dichlorobenzene	13.879	146	394725	25.345	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	33517	26.106	ug/l		95
93) 1,2,4-Trichlorobenzene	15.144	180	239278	25.212	ug/l		98
94) Hexachlorobutadiene	15.249	225	122315	24.058	ug/l		99
95) Naphthalene	15.385	128	468374	25.927	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	207859	25.321	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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