Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
Data File : VD075048.D
Acq On : 22 Dec 2022 14:51
Operator : KP/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD122222

Quant Time: Dec 23 06:13:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	153732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	276200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73994	49.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.480%			
35) Dibromofluoromethane	7.804	113	80881	49.764	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.520%			
50) Toluene-d8	10.269	98	319513	48.655	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.575	95	101044	47.496	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	33519	45.047	ug/l	93
3) Chloromethane	2.146	50	59231	47.455	ug/l	99
4) Vinyl Chloride	2.281	62	57566	45.153	ug/l	95
5) Bromomethane	2.687	94	28148	51.331	ug/l	100
6) Chloroethane	2.834	64	36170	44.810	ug/l	98
7) Trichlorofluoromethane	3.169	101	89122	45.549	ug/l	92
8) Diethyl Ether	3.593	74	36721	48.944	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	64411	46.725	ug/l	97
10) Methyl Iodide	4.158	142	47391	40.049	ug/l	98
11) Tert butyl alcohol	5.058	59	26545	232.347	ug/l #	81
12) 1,1-Dichloroethene	3.934	96	61769	46.374	ug/l	86
13) Acrolein	3.793	56	37904	209.520	ug/l	99
14) Allyl chloride	4.552	41	112334	48.466	ug/l #	92
15) Acrylonitrile	5.252	53	89370	235.244	ug/l	98
16) Acetone	4.022	43	102079	261.555	ug/l	100
17) Carbon Disulfide	4.263	76	116093	46.290	ug/l	97
18) Methyl Acetate	4.558	43	42297	46.093	ug/l #	89
19) Methyl tert-butyl Ether	5.310	73	172100	48.644	ug/l	96
20) Methylene Chloride	4.799	84	82860	47.597	ug/l #	85
21) trans-1,2-Dichloroethene	5.310	96	68190	46.130	ug/l	87
22) Diisopropyl ether	6.210	45	245282	49.128	ug/l #	93
23) Vinyl Acetate	6.152	43	610485	263.691	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	139837	47.954	ug/l	96
25) 2-Butanone	7.081	43	126360	242.620	ug/l #	85
26) 2,2-Dichloropropane	7.069	77	123649	47.467	ug/l	97
27) cis-1,2-Dichloroethene	7.069	96	89845	48.182	ug/l	90
28) Bromochloromethane	7.422	49	49369	48.907	ug/l #	79
29) Tetrahydrofuran	7.446	42	68645	228.620	ug/l #	83
30) Chloroform	7.593	83	137291	48.217	ug/l	98
31) Cyclohexane	7.875	56	102998	48.334	ug/l	89
32) 1,1,1-Trichloroethane	7.787	97	117392	47.645	ug/l	95
36) 1,1-Dichloropropene	8.004	75	96154	45.802	ug/l	98
37) Ethyl Acetate	7.163	43	46000	43.377	ug/l	97
38) Carbon Tetrachloride	7.987	117	88529	48.769	ug/l	97
39) Methylcyclohexane	9.269	83	113577	44.548	ug/l	94
40) Benzene	8.251	78	301228	47.130	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.393	41	33837	51.283	ug/l	#	85
42) 1,2-Dichloroethane	8.328	62	76571	46.957	ug/l		100
43) Isopropyl Acetate	8.357	43	96838	45.392	ug/l	#	91
44) Trichloroethene	9.028	130	81063	46.048	ug/l		98
45) 1,2-Dichloropropane	9.304	63	81799	47.782	ug/l	#	88
46) Dibromomethane	9.393	93	40379	47.426	ug/l		99
47) Bromodichloromethane	9.581	83	105878	47.752	ug/l		99
48) Methyl methacrylate	9.381	41	42995	44.369	ug/l		86
49) 1,4-Dioxane	9.381	88	9944	926.777	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.157	43	248256	235.565	ug/l		92
52) Toluene	10.334	92	189236	46.496	ug/l		98
53) t-1,3-Dichloropropene	10.551	75	103435	47.947	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	124732	47.981	ug/l	#	83
55) 1,1,2-Trichloroethane	10.734	97	58907	47.249	ug/l		96
56) Ethyl methacrylate	10.598	69	76217	46.442	ug/l	#	80
57) 1,3-Dichloropropane	10.881	76	99331	47.659	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	159495	236.772	ug/l		93
59) 2-Hexanone	10.922	43	187506	244.667	ug/l		92
60) Dibromochloromethane	11.075	129	69225	48.466	ug/l		98
61) 1,2-Dibromoethane	11.181	107	52746	47.191	ug/l		99
64) Tetrachloroethene	10.810	164	62416	45.270	ug/l		96
65) Chlorobenzene	11.610	112	204565	47.552	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	71785	48.186	ug/l		99
67) Ethyl Benzene	11.687	91	363921	46.220	ug/l		98
68) m/p-Xylenes	11.792	106	278776	93.384	ug/l		100
69) o-Xylene	12.122	106	135760	47.276	ug/l		99
70) Styrene	12.134	104	227999	47.225	ug/l		97
71) Bromoform	12.298	173	37812	46.780	ug/l	#	100
73) Isopropylbenzene	12.422	105	358817	46.788	ug/l		99
74) N-amyl acetate	12.234	43	91990	47.258	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	64406	47.098	ug/l		98
76) 1,2,3-Trichloropropane	12.728	75	46346m	45.188	ug/l		
77) Bromobenzene	12.704	156	77162	47.136	ug/l		92
78) n-propylbenzene	12.763	91	432529	46.046	ug/l		100
79) 2-Chlorotoluene	12.851	91	239229	46.617	ug/l		98
80) 1,3,5-Trimethylbenzene	12.904	105	286425	46.313	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.469	75	19731	44.587	ug/l		92
82) 4-Chlorotoluene	12.945	91	245390	46.866	ug/l		97
83) tert-Butylbenzene	13.169	119	258396	47.195	ug/l		96
84) 1,2,4-Trimethylbenzene	13.216	105	278850	46.355	ug/l		100
85) sec-Butylbenzene	13.345	105	389140	46.294	ug/l		100
86) p-Isopropyltoluene	13.463	119	309439	46.145	ug/l		98
87) 1,3-Dichlorobenzene	13.463	146	149937	46.878	ug/l		98
88) 1,4-Dichlorobenzene	13.539	146	148201	46.386	ug/l		97
89) n-Butylbenzene	13.792	91	306132	45.708	ug/l		99
90) Hexachloroethane	14.057	117	56928	47.774	ug/l		94
91) 1,2-Dichlorobenzene	13.834	146	135280	47.868	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10123	48.173	ug/l		92
93) 1,2,4-Trichlorobenzene	15.104	180	89248	48.061	ug/l		98
94) Hexachlorobutadiene	15.210	225	43602	46.969	ug/l		99
95) Naphthalene	15.333	128	185445	47.845	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	77321	48.516	ug/l		96

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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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