Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
Data File : VD075042.D
Acq On : 22 Dec 2022 11:24
Operator : KP/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: Dec 22 14:12:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 22 14:10:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.875	168	161005	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.775	114	284988	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.581	117	246571	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105976	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.234	65	16031	10.169	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.340%#			
35) Dibromofluoromethane	7.805	113	17175	10.294	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.580%#			
50) Toluene-d8	10.269	98	70395	10.244	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.480%#			
62) 4-Bromofluorobenzene	12.575	95	22895	10.293	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	20.580%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.928	85	11241	13.271	ug/l		97
3) Chloromethane	2.146	50	19187	12.654	ug/l		96
4) Vinyl Chloride	2.275	62	16154	12.932	ug/l		97
5) Bromomethane	2.687	94	8999	14.470	ug/l		97
6) Chloroethane	2.828	64	9819	12.741	ug/l	#	85
7) Trichlorofluoromethane	3.170	101	23699	11.826	ug/l		91
8) Diethyl Ether	3.593	74	8422	10.641	ug/l		73
9) 1,1,2-Trichlorotrifluo...	3.964	101	16573	11.534	ug/l		98
10) Methyl Iodide	4.158	142	12321	10.837	ug/l		96
11) Tert butyl alcohol	5.069	59	6953	46.892	ug/l	#	95
12) 1,1-Dichloroethene	3.934	96	16440	11.607	ug/l		90
13) Acrolein	3.799	56	10361	51.047	ug/l		92
14) Allyl chloride	4.558	41	27510	11.130	ug/l	#	90
15) Acrylonitrile	5.252	53	20773	50.587	ug/l		100
16) Acetone	4.022	43	21314	52.837	ug/l		99
17) Carbon Disulfide	4.264	76	40649	13.881	ug/l		96
18) Methyl Acetate	4.569	43	12426	10.628	ug/l	#	87
19) Methyl tert-butyl Ether	5.322	73	39031	10.288	ug/l		96
20) Methylene Chloride	4.799	84	29296	11.519	ug/l		87
21) trans-1,2-Dichloroethene	5.305	96	18452	11.814	ug/l		92
22) Diisopropyl ether	6.216	45	56660	10.616	ug/l		96
23) Vinyl Acetate	6.158	43	132014	52.270	ug/l	#	92
24) 1,1-Dichloroethane	6.111	63	34101	11.071	ug/l		99
25) 2-Butanone	7.087	43	28946	51.703	ug/l		89
26) 2,2-Dichloropropane	7.075	77	29772	10.665	ug/l		96
27) cis-1,2-Dichloroethene	7.075	96	21673	10.802	ug/l		87
28) Bromochloromethane	7.428	49	11162	10.264	ug/l	#	77
29) Tetrahydrofuran	7.440	42	16933	51.805	ug/l	#	81
30) Chloroform	7.593	83	31815	10.410	ug/l		94
31) Cyclohexane	7.875	56	32288	12.316	ug/l	#	86
32) 1,1,1-Trichloroethane	7.793	97	28159	10.932	ug/l		94
36) 1,1-Dichloropropene	8.010	75	25491	11.755	ug/l		98
37) Ethyl Acetate	7.169	43	12287	11.462	ug/l	#	94
38) Carbon Tetrachloride	7.993	117	19961	10.693	ug/l		95
39) Methylcyclohexane	9.269	83	31569	11.885	ug/l	#	90
40) Benzene	8.252	78	76126	11.384	ug/l		99

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41) Methacrylonitrile	7.399	41	7126	10.520	ug/l		94
42) 1,2-Dichloroethane	8.328	62	17856	10.602	ug/l		99
43) Isopropyl Acetate	8.357	43	22758	10.210	ug/l	#	92
44) Trichloroethene	9.028	130	20461	11.352	ug/l		92
45) 1,2-Dichloropropane	9.304	63	19492	10.789	ug/l		98
46) Dibromomethane	9.399	93	9649	10.933	ug/l		99
47) Bromodichloromethane	9.587	83	24336	10.523	ug/l		90
48) Methyl methacrylate	9.387	41	11715	11.476	ug/l	#	80
49) 1,4-Dioxane	9.381	88	2277	197.137	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.157	43	57637	51.741	ug/l		88
52) Toluene	10.334	92	48263	11.324	ug/l		98
53) t-1,3-Dichloropropene	10.551	75	23861	10.374	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	28906	10.440	ug/l	#	85
55) 1,1,2-Trichloroethane	10.734	97	14067	10.729	ug/l		96
56) Ethyl methacrylate	10.599	69	18329	10.218	ug/l	#	78
57) 1,3-Dichloropropane	10.881	76	23821	10.712	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	35112	49.445	ug/l		94
59) 2-Hexanone	10.922	43	40786	50.561	ug/l		91
60) Dibromochloromethane	11.069	129	15977	10.675	ug/l		99
61) 1,2-Dibromoethane	11.181	107	12373	10.419	ug/l		98
64) Tetrachloroethene	10.810	164	16606	11.426	ug/l		94
65) Chlorobenzene	11.610	112	49564	10.941	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.681	131	16538	10.550	ug/l		99
67) Ethyl Benzene	11.681	91	91924	11.120	ug/l		100
68) m/p-Xylenes	11.793	106	70084	22.349	ug/l		100
69) o-Xylene	12.122	106	33210	10.803	ug/l		99
70) Styrene	12.134	104	55865	10.903	ug/l		97
71) Bromoform	12.304	173	8738	10.376	ug/l	#	99
73) Isopropylbenzene	12.422	105	87472	10.695	ug/l		99
74) N-amyl acetate	12.234	43	21645	10.346	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	14517	9.571	ug/l		95
76) 1,2,3-Trichloropropane	12.728	75	11371m	10.156	ug/l		
77) Bromobenzene	12.704	156	18468	10.648	ug/l		89
78) n-propylbenzene	12.763	91	108898	10.863	ug/l		100
79) 2-Chlorotoluene	12.851	91	59358	10.820	ug/l		97
80) 1,3,5-Trimethylbenzene	12.904	105	70741	10.721	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.475	75	4792	9.939	ug/l		93
82) 4-Chlorotoluene	12.945	91	59961	10.526	ug/l		97
83) tert-Butylbenzene	13.169	119	62617	10.729	ug/l		96
84) 1,2,4-Trimethylbenzene	13.216	105	69170	10.761	ug/l		98
85) sec-Butylbenzene	13.345	105	96842	10.853	ug/l		100
86) p-Isopropyltoluene	13.463	119	77158	10.891	ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	36760	10.851	ug/l		97
88) 1,4-Dichlorobenzene	13.540	146	37078	10.930	ug/l		95
89) n-Butylbenzene	13.787	91	77226	10.879	ug/l		98
90) Hexachloroethane	14.057	117	13348	10.616	ug/l		97
91) 1,2-Dichlorobenzene	13.834	146	32617	10.845	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2276	10.576	ug/l		91
93) 1,2,4-Trichlorobenzene	15.098	180	20707	10.771	ug/l		95
94) Hexachlorobutadiene	15.204	225	10427	10.805	ug/l		96
95) Naphthalene	15.334	128	41791	10.188	ug/l		98
96) 1,2,3-Trichlorobenzene	15.522	180	17504	10.488	ug/l		97

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

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