Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
Data File : VD075421.D
Acq On : 23 Feb 2023 19:08
Operator : KP/SY
Sample : MDL01
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Quant Time: Feb 24 00:27:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 23 23:55:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	82137	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	73671	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	37086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	35293	21.688	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.760%			
7) Chloroethane-d5	2.805	69	29978	21.786	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.160%			
11) 1,1-Dichloroethene-d2	3.917	63	45312	18.652	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.600%			
21) 2-Butanone-d5	6.987	46	10289	42.398	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.800%			
24) Chloroform-d	7.569	84	53761	22.706	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.840%			
26) 1,2-Dichloroethane-d4	8.234	65	27412	23.405	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.640%			
32) Benzene-d6	8.205	84	107473	23.368	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.480%			
36) 1,2-Dichloropropane-d6	9.210	67	31454	23.008	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.040%			
41) Toluene-d8	10.269	98	98079	23.587	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.360%			
43) trans-1,3-Dichloroprop...	10.528	79	12507	22.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.880%			
47) 2-Hexanone-d5	10.881	63	7194	39.979	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.960%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	22056	22.826	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.320%			
66) 1,2-Dichlorobenzene-d4	13.816	152	29773	22.742	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	14434	9.162	ug/L	97
3) Chloromethane	2.146	50	18466	9.808	ug/L	98
5) Vinyl chloride	2.287	62	19031	9.093	ug/L	96
6) Bromomethane	2.699	94	10121	9.715	ug/L	89
8) Chloroethane	2.840	64	12811	10.048	ug/L	94
9) Trichlorofluoromethane	3.175	101	22112	9.341	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	14061	9.893	ug/L	99
12) 1,1-Dichloroethene	3.952	96	11621	9.498	ug/L	98
13) Acetone	4.022	43	5306	16.131	ug/L	96
14) Carbon disulfide	4.269	76	36576	9.273	ug/L	96
15) Methyl Acetate	4.575	43	5253	10.397	ug/L #	89
16) Methylene chloride	4.811	84	16293	9.920	ug/L	88
17) trans-1,2-Dichloroethene	5.316	96	12668	10.045	ug/L	93
18) Methyl tert-butyl Ether	5.328	73	25173	9.784	ug/L #	90
19) 1,1-Dichloroethane	6.116	63	24301	10.006	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	13962	10.372	ug/L	91
22) 2-Butanone	7.081	43	6387	16.686	ug/L #	75
23) Bromochloromethane	7.422	128	6226	10.450	ug/L	98
25) Chloroform	7.599	83	26608	10.676	ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	15849	10.117	ug/L	#	94
29) Cyclohexane	7.881	56	17355	8.603	ug/L		95
30) 1,1,1-Trichloroethane	7.793	97	21659	9.666	ug/L		98
31) Carbon tetrachloride	7.993	117	17696	9.198	ug/L		95
33) Benzene	8.252	78	54748	10.369	ug/L		100
34) Trichloroethene	9.028	95	13783	9.818	ug/L		90
35) Methylcyclohexane	9.275	83	20398	9.070	ug/L		98
37) 1,2-Dichloropropane	9.310	63	14152m	10.283	ug/L		
38) Bromodichloromethane	9.587	83	18183	10.213	ug/L		89
39) cis-1,3-Dichloropropene	10.022	75	20305	10.166	ug/L		92
40) 4-Methyl-2-pentanone	10.163	43	13249	17.916	ug/L		97
42) Toluene	10.334	91	58846	10.520	ug/L		99
44) trans-1,3-Dichloropropene	10.557	75	17175	10.337	ug/L		98
45) 1,1,2-Trichloroethane	10.740	97	10151	10.556	ug/L		92
46) Tetrachloroethene	10.810	164	10591	9.562	ug/L		85
48) 2-Hexanone	10.922	43	10126m	18.507	ug/L		
49) Dibromochloromethane	11.075	129	11525	10.195	ug/L		90
50) 1,2-Dibromoethane	11.181	107	9093	10.233	ug/L	#	90
51) Chlorobenzene	11.610	112	36802	10.374	ug/L		98
52) Ethylbenzene	11.687	91	62135	10.055	ug/L		99
53) m,p-Xylene	11.793	106	23440	10.060	ug/L		79
54) o-Xylene	12.122	106	22007	9.991	ug/L		94
55) Styrene	12.134	104	38644	10.097	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.675	83	10472	9.802	ug/L		97
59) Bromoform	12.304	173	6519	9.500	ug/L		99
60) Isopropylbenzene	12.422	105	61497	9.875	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	7453	10.187	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	45657	9.356	ug/L		97
63) 1,2,4-Trimethylbenzene	13.216	105	46843	9.958	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	27069	9.987	ug/L		95
65) 1,4-Dichlorobenzene	13.540	146	28750	10.392	ug/L		94
67) 1,2-Dichlorobenzene	13.834	146	25221	10.614	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.451	75	1517	9.203	ug/L		95
69) 1,3,5-Trichlorobenzene	14.592	180	17119	9.581	ug/L		98
70) 1,2,4-trichlorobenzene	15.104	180	13158	9.154	ug/L		98
71) Naphthalene	15.334	128	22671	8.724	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	11767	9.492	ug/L		97

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

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