Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075850.D
Acq On : 26 Apr 2023 22:30
Operator : KP/SY
Sample : 02447-18MS
Misc : 4.42G/10.00ml/MSVOA_D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW937MS

Quant Time: Apr 27 02:07:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	279350	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	68015	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	166039	27.094	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.360%			
7) Chloroethane-d5	2.805	69	147872	27.927	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.720%			
11) 1,1-Dichloroethene-d2	3.922	65	38358	27.149	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.600%			
21) 2-Butanone-d5	6.987	46	23884	44.894	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.780%			
24) Chloroform-d	7.569	84	197404	28.259	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.040%			
26) 1,2-Dichloroethane-d4	8.228	65	79928	26.793	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.160%			
32) Benzene-d6	8.205	84	404366	31.837	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.360%			
36) 1,2-Dichloropropane-d6	9.210	67	113762	32.360	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 129.440%#			
41) Toluene-d8	10.269	98	347383	29.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.840%			
43) trans-1,3-Dichloroprop...	10.528	79	39495	27.180	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.720%			
47) 2-Hexanone-d5	10.881	63	21310	50.344	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.680%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69106	25.689	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.760%			
66) 1,2-Dichlorobenzene-d4	13.816	152	59768	24.844	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	132068	34.294	ug/L	99
3) Chloromethane	2.146	50	168511	31.389	ug/L	100
5) Vinyl chloride	2.281	62	209202	29.817	ug/L	99
6) Bromomethane	2.693	94	127804	27.108	ug/L	95
8) Chloroethane	2.840	64	137222	30.241	ug/L	91
9) Trichlorofluoromethane	3.175	101	171070	30.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	110236	29.106	ug/L	98
12) 1,1-Dichloroethene	3.940	96	111036	30.230	ug/L	89
13) Acetone	4.022	43	23729	52.120	ug/L	95
14) Carbon disulfide	4.275	76	335716	26.168	ug/L	99
15) Methyl Acetate	4.569	43	23128	23.440	ug/L #	65
16) Methylene chloride	4.805	84	136286	24.049	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	114516	27.805	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	180337	27.297	ug/L	99
19) 1,1-Dichloroethane	6.111	63	187775	31.122	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	120958	27.775	ug/L	94
22) 2-Butanone	7.087	43	30900	52.061	ug/L	97
23) Bromochloromethane	7.434	128	58328	28.880	ug/L	91
25) Chloroform	7.599	83	198565	29.365	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102586	29.391 ug/L	98
29) Cyclohexane	7.881	56	105000	28.147 ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	158453	34.368 ug/L	98
31) Carbon tetrachloride	7.993	117	124372	33.623 ug/L	99
33) Benzene	8.252	78	452249	34.310 ug/L	100
34) Trichloroethene	9.028	95	103924	30.487 ug/L	95
35) Methylcyclohexane	9.275	83	103457	19.685 ug/L	98
37) 1,2-Dichloropropane	9.304	63	107742	35.584 ug/L	99
38) Bromodichloromethane	9.587	83	135647	33.226 ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	144383	29.984 ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	66198	59.965 ug/L	99
42) Toluene	10.334	91	451870	31.678 ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	111326	28.779 ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	79230	30.758 ug/L	92
46) Tetrachloroethene	10.810	164	75233	26.908 ug/L	96
48) 2-Hexanone	10.922	43	46818	60.158 ug/L	92
49) Dibromochloromethane	11.075	129	85330	30.429 ug/L	97
50) 1,2-Dibromoethane	11.181	107	70352	30.293 ug/L #	93
51) Chlorobenzene	11.610	112	247263	26.497 ug/L	99
52) Ethylbenzene	11.687	91	393368	26.893 ug/L	98
53) m,p-Xylene	11.793	106	159049	27.307 ug/L	94
54) o-Xylene	12.122	106	154987	28.016 ug/L	99
55) Styrene	12.140	104	241113	25.042 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	72652	27.720 ug/L #	94
59) Bromoform	12.298	173	44672	42.855 ug/L	99
60) Isopropylbenzene	12.422	105	325503	36.092 ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	47346	44.313 ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	211237	31.411 ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	205132	31.643 ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	115356	26.733 ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	113303	25.018 ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	102912	26.706 ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	7945	37.197 ug/L #	80
69) 1,3,5-Trichlorobenzene	14.592	180	38602	13.347 ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	25101	10.472 ug/L	94
71) Naphthalene	15.334	128	63234	14.416 ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	21177	9.898 ug/L	99

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

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