Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
Data File : VD075861.D
Acq On : 27 Apr 2023 15:09
Operator : KP/SY
Sample : 02447-18MS
Misc : 4.94G/10.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW937MS

Quant Time: Apr 28 02:57:54 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	8.775	114	358354	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	285124	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	100548	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	207541	26.400	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.600%			
7) Chloroethane-d5	2.799	69	177555	26.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.560%			
11) 1,1-Dichloroethene-d2	3.917	65	43617	24.066	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.280%			
21) 2-Butanone-d5	6.987	46	32530	47.666	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.340%			
24) Chloroform-d	7.569	84	220715	24.630	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.520%			
26) 1,2-Dichloroethane-d4	8.234	65	92818	24.255	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.000%			
32) Benzene-d6	8.204	84	467679	28.142	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.560%			
36) 1,2-Dichloropropane-d6	9.210	67	132075	28.713	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.840%			
41) Toluene-d8	10.269	98	410336	26.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.480%			
43) trans-1,3-Dichloroprop...	10.522	79	46755	24.591	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.360%			
47) 2-Hexanone-d5	10.875	63	29583	53.414	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.820%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89196	25.341	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.360%			
66) 1,2-Dichlorobenzene-d4	13.816	152	79458	22.342	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	141082	28.558	ug/L	97
3) Chloromethane	2.146	50	207209	30.088	ug/L	98
5) Vinyl chloride	2.281	62	247210	27.466	ug/L	99
6) Bromomethane	2.693	94	137827	22.789	ug/L	99
8) Chloroethane	2.834	64	159410	27.385	ug/L	99
9) Trichlorofluoromethane	3.175	101	187206	25.886	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	122609	25.236	ug/L	99
12) 1,1-Dichloroethene	3.940	96	121946	25.881	ug/L	87
13) Acetone	4.022	43	31673	54.232	ug/L	94
14) Carbon disulfide	4.269	76	385904	23.449	ug/L	97
15) Methyl Acetate	4.564	43	30340	23.971	ug/L #	57
16) Methylene chloride	4.799	84	148539	20.433	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	130269	24.657	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	214188	25.273	ug/L	99
19) 1,1-Dichloroethane	6.116	63	207796	26.848	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	135637	24.279	ug/L	96
22) 2-Butanone	7.081	43	40490	53.179	ug/L	98
23) Bromochloromethane	7.428	128	64940	25.065	ug/L #	92
25) Chloroform	7.599	83	218850	25.230	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	117187	26.172	ug/L		99
29) Cyclohexane	7.881	56	124719	25.552	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	173804	28.811	ug/L		99
31) Carbon tetrachloride	7.993	117	137758	28.463	ug/L		96
33) Benzene	8.252	78	509567	29.546	ug/L		100
34) Trichloroethene	9.028	95	119405	26.772	ug/L		97
35) Methylcyclohexane	9.275	83	137420	19.984	ug/L		97
37) 1,2-Dichloropropane	9.304	63	121104	30.568	ug/L		99
38) Bromodichloromethane	9.587	83	151568	28.374	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	168904	26.808	ug/L		96
40) 4-Methyl-2-pentanone	10.163	43	83773	57.997	ug/L		98
42) Toluene	10.334	91	527148	28.244	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	138159	27.296	ug/L		100
45) 1,1,2-Trichloroethane	10.734	97	92774	27.526	ug/L		97
46) Tetrachloroethene	10.810	164	84740	23.164	ug/L		98
48) 2-Hexanone	10.922	43	61347	60.245	ug/L		93
49) Dibromochloromethane	11.075	129	96340	26.257	ug/L		96
50) 1,2-Dibromoethane	11.181	107	81448	26.804	ug/L	#	90
51) Chlorobenzene	11.610	112	299061	24.493	ug/L		98
52) Ethylbenzene	11.687	91	469388	24.526	ug/L		97
53) m,p-Xylene	11.793	106	192174	25.217	ug/L		99
54) o-Xylene	12.122	106	182947	25.275	ug/L		94
55) Styrene	12.134	104	310165	24.620	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.675	83	87272	25.449	ug/L		98
59) Bromoform	12.304	173	51054	33.130	ug/L		99
60) Isopropylbenzene	12.422	105	403888	30.294	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	56976	36.072	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	275790	27.741	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	262981	27.441	ug/L		99
64) 1,3-Dichlorobenzene	13.463	146	152146	23.850	ug/L		100
65) 1,4-Dichlorobenzene	13.540	146	154687	23.105	ug/L		96
67) 1,2-Dichlorobenzene	13.834	146	137754	24.181	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.451	75	9578	30.333	ug/L		96
69) 1,3,5-Trichlorobenzene	14.592	180	60242	14.089	ug/L		98
70) 1,2,4-trichlorobenzene	15.104	180	40139	11.328	ug/L		97
71) Naphthalene	15.334	128	111243	17.156	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	35576	11.248	ug/L		95

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

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