Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077527.D
Acq On : 09 Nov 2023 10:12
Operator : JC/SY
Sample : VSTD05080
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050180

Quant Time: Nov 10 00:05:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 00:03:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	367468	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	333951	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	162847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	430281	46.030	ug/L	0.00
7) Chloroethane-d5	2.805	69	341203	46.463	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	130821	45.258	ug/L	0.00
21) 2-Butanone-d5	6.987	46	167113	106.686	ug/L	0.00
24) Chloroform-d	7.575	84	530552	49.980	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	281918	49.928	ug/L	0.00
32) Benzene-d6	8.205	84	1080748	49.863	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	348766	49.400	ug/L	0.00
41) Toluene-d8	10.269	98	978523	49.961	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	156452	51.396	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	133780	105.925	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	244801	52.334	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	297631	51.375	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	283733	47.944	ug/L	100
3) Chloromethane	2.152	50	414056	48.631	ug/L	99
5) Vinyl chloride	2.287	62	467603	48.659	ug/L	96
6) Bromomethane	2.699	94	263954	51.592	ug/L	97
8) Chloroethane	2.840	64	286174	47.900	ug/L	92
9) Trichlorofluoromethane	3.181	101	432248	49.425	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	268537	49.897	ug/L	98
12) 1,1-Dichloroethene	3.946	96	252919	48.144	ug/L	97
13) Acetone	4.016	43	191861	112.799	ug/L	97
14) Carbon disulfide	4.275	76	905920	48.145	ug/L	98
15) Methyl Acetate	4.564	43	142056	50.757	ug/L	98
16) Methylene chloride	4.811	84	273617	44.075	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	271589	49.407	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	651874	50.526	ug/L	100
19) 1,1-Dichloroethane	6.116	63	543546	49.283	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	296108	49.582	ug/L	98
22) 2-Butanone	7.081	43	213704	103.209	ug/L	96
23) Bromochloromethane	7.428	128	120626	50.268	ug/L	96
25) Chloroform	7.599	83	501115	49.460	ug/L	98
27) 1,2-Dichloroethane	8.328	62	336721	50.135	ug/L	98
29) Cyclohexane	7.881	56	536340	49.465	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	429638	49.144	ug/L	100
31) Carbon tetrachloride	7.993	117	372201	49.539	ug/L	98
33) Benzene	8.252	78	1174634	50.722	ug/L	100
34) Trichloroethene	9.028	95	289525	50.454	ug/L	94
35) Methylcyclohexane	9.275	83	520718	50.308	ug/L	99
37) 1,2-Dichloropropane	9.304	63	323200	50.202	ug/L	100
38) Bromodichloromethane	9.587	83	369096	49.982	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	503771	50.922	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	404431	103.085	ug/L	99
42) Toluene	10.334	91	1231415	50.646	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	424271	51.902	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Nov 10 00:03:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	202978	51.578	ug/L		97
46) Tetrachloroethene	10.810	164	213199	50.494	ug/L		96
48) 2-Hexanone	10.922	43	331037	106.452	ug/L		98
49) Dibromochloromethane	11.075	129	228852	51.195	ug/L		98
50) 1,2-Dibromoethane	11.181	107	189903	50.462	ug/L		99
51) Chlorobenzene	11.610	112	723576	50.797	ug/L		99
52) Ethylbenzene	11.687	91	1365777	51.051	ug/L		97
53) m,p-Xylene	11.793	106	492210	50.559	ug/L		97
54) o-Xylene	12.122	106	484273	51.938	ug/L		97
55) Styrene	12.134	104	853502	52.426	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.675	83	240529	51.883	ug/L		98
59) Bromoform	12.298	173	138254	49.795	ug/L		99
60) Isopropylbenzene	12.422	105	1315829	49.954	ug/L		100
61) 1,2,3-Trichloropropane	12.728	75	170633	49.191	ug/L		100
62) 1,3,5-Trimethylbenzene	12.904	105	1014201	50.732	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	1026102	50.670	ug/L		100
64) 1,3-Dichlorobenzene	13.463	146	533986	49.414	ug/L		99
65) 1,4-Dichlorobenzene	13.540	146	534055	48.970	ug/L		98
67) 1,2-Dichlorobenzene	13.834	146	478952	50.131	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.451	75	36318	48.134	ug/L	#	81
69) 1,3,5-Trichlorobenzene	14.592	180	365922	49.731	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	313386	50.535	ug/L		99
71) Naphthalene	15.334	128	609982	52.192	ug/L		100
72) 1,2,3-Trichlorobenzene	15.522	180	268510	50.781	ug/L		99

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

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