Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
Data File : VD078810.D
Acq On : 11 Apr 2024 12:38
Operator : RP/MD
Sample : VSTD05024
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050124

Quant Time: Apr 12 06:45:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 12 06:43:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.781	114	249132	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	249785	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129908	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	336296	49.003	ug/L		0.00
7) Chloroethane-d5	2.799	69	327194	50.613	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.922	65	64958	51.535	ug/L		0.00
21) 2-Butanone-d5	6.987	46	76600	118.061	ug/L		0.00
24) Chloroform-d	7.569	84	341896	56.214	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.234	65	175973	56.949	ug/L		0.00
32) Benzene-d6	8.204	84	718507	56.451	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	205808	56.193	ug/L		0.00
41) Toluene-d8	10.269	98	705290	58.759	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	97018	58.040	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	73631	124.440	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	198345	57.428	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	257052	58.016	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	157045	43.804	ug/L		98
3) Chloromethane	2.152	50	227323	44.256	ug/L		98
5) Vinyl chloride	2.281	62	354165	45.854	ug/L		98
6) Bromomethane	2.693	94	262242	46.716	ug/L		100
8) Chloroethane	2.840	64	251996	44.716	ug/L		94
9) Trichlorofluoromethane	3.175	101	255194	45.166	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	163851	44.851	ug/L	#	89
12) 1,1-Dichloroethene	3.940	96	152086	46.695	ug/L		87
13) Acetone	4.022	43	86407	102.681	ug/L		98
14) Carbon disulfide	4.269	76	509384	45.936	ug/L		99
15) Methyl Acetate	4.563	43	61653	49.477	ug/L		97
16) Methylene chloride	4.805	84	173990	40.307	ug/L		100
17) trans-1,2-Dichloroethene	5.316	96	170193	46.739	ug/L		97
18) Methyl tert-butyl Ether	5.316	73	354002	50.817	ug/L	#	93
19) 1,1-Dichloroethane	6.110	63	262768	45.294	ug/L		98
20) cis-1,2-Dichloroethene	7.081	96	187768	47.432	ug/L		94
22) 2-Butanone	7.081	43	104591	101.372	ug/L		99
23) Bromochloromethane	7.428	128	89886	46.023	ug/L		97
25) Chloroform	7.593	83	306673	44.859	ug/L		92
27) 1,2-Dichloroethane	8.328	62	180217	46.903	ug/L		99
29) Cyclohexane	7.881	56	213904	50.406	ug/L		99
30) 1,1,1-Trichloroethane	7.793	97	254066	45.223	ug/L		99
31) Carbon tetrachloride	7.993	117	231892	46.040	ug/L		99
33) Benzene	8.251	78	689890	48.711	ug/L		100
34) Trichloroethene	9.028	95	173714	45.978	ug/L		99
35) Methylcyclohexane	9.275	83	276358	49.237	ug/L		98
37) 1,2-Dichloropropane	9.304	63	165750	45.642	ug/L		100
38) Bromodichloromethane	9.587	83	227167	45.465	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	279402	50.090	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	170191	102.602	ug/L		98
42) Toluene	10.334	91	784131	50.012	ug/L		100
44) trans-1,3-Dichloropropene	10.551	75	243683	49.854	ug/L		95

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Instrument :
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ClientSampleId :
VSTD050124

Quant Time: Apr 12 06:45:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 12 06:43:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	147753	46.593	ug/L		97
46) Tetrachloroethene	10.810	164	146817	46.406	ug/L		95
48) 2-Hexanone	10.922	43	146584	112.283	ug/L		98
49) Dibromochloromethane	11.075	129	174689	47.573	ug/L		92
50) 1,2-Dibromoethane	11.181	107	146743	47.617	ug/L	#	96
51) Chlorobenzene	11.604	112	502809	47.547	ug/L		98
52) Ethylbenzene	11.681	91	833381	50.553	ug/L		98
53) m,p-Xylene	11.792	106	329448	50.732	ug/L		99
54) o-Xylene	12.122	106	324995	51.774	ug/L		94
55) Styrene	12.134	104	592985	52.711	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.669	83	176088	48.101	ug/L		96
59) Bromoform	12.298	173	119481	46.921	ug/L		100
60) Isopropylbenzene	12.422	105	839654	51.076	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	112821	47.052	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	514930	51.670	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	643835	52.647	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	391704	47.874	ug/L		98
65) 1,4-Dichlorobenzene	13.534	146	401858	46.443	ug/L		96
67) 1,2-Dichlorobenzene	13.828	146	371975	48.260	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.445	75	23628	43.282	ug/L		90
69) 1,3,5-Trichlorobenzene	14.592	180	247349	47.010	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	213251	48.060	ug/L		99
71) Naphthalene	15.328	128	459985	53.408	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	199993	49.226	ug/L		98

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

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Instrument :
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