Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
Data File : VD079994.D
Acq On : 12 Nov 2024 11:56
Operator : RP/MD
Sample : VSTD10048
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100848

Quant Time: Nov 13 01:46:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 13 01:43:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	299483	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	297779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	160479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	365731	81.929	ug/L	0.00
7) Chloroethane-d5	2.799	69	296566	80.093	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	175631	95.975	ug/L	0.00
21) 2-Butanone-d5	6.987	46	218442	230.491	ug/L	0.00
24) Chloroform-d	7.569	84	871738	102.491	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	452179	98.040	ug/L	0.00
32) Benzene-d6	8.204	84	1697936	99.149	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	547765	99.152	ug/L	0.00
41) Toluene-d8	10.269	98	1608030	103.158	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	238562	107.296	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	210570	258.876	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	453631	102.512	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	581255	104.518	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	403502	88.601	ug/L	99
3) Chloromethane	2.146	50	341714	91.736	ug/L	95
5) Vinyl chloride	2.281	62	431448	92.259	ug/L	96
6) Bromomethane	2.687	94	328485	99.416	ug/L	98
8) Chloroethane	2.834	64	248617	83.491	ug/L	94
9) Trichlorofluoromethane	3.175	101	704676	90.093	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	433120	91.117	ug/L	99
12) 1,1-Dichloroethene	3.940	96	405144	100.968	ug/L	97
13) Acetone	4.022	43	250600	223.385	ug/L	96
14) Carbon disulfide	4.275	76	1267482	94.564	ug/L	100
15) Methyl Acetate	4.563	43	188035	107.798	ug/L #	81
16) Methylene chloride	4.805	84	456617	91.889	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	448467	101.317	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	1012782	117.554	ug/L	98
19) 1,1-Dichloroethane	6.110	63	803011	97.285	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	510660	105.961	ug/L	98
22) 2-Butanone	7.081	43	304957	232.063	ug/L	99
23) Bromochloromethane	7.428	128	229332	95.825	ug/L	96
25) Chloroform	7.599	83	869434	91.119	ug/L	100
27) 1,2-Dichloroethane	8.328	62	531695	95.425	ug/L	98
29) Cyclohexane	7.881	56	719974	111.839	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	704517	92.459	ug/L	99
31) Carbon tetrachloride	7.993	117	612100	91.489	ug/L	99
33) Benzene	8.251	78	1876013	100.812	ug/L	100
34) Trichloroethene	9.028	95	486015	97.389	ug/L	95
35) Methylcyclohexane	9.275	83	772614	105.926	ug/L	100
37) 1,2-Dichloropropane	9.304	63	501295	96.434	ug/L	99
38) Bromodichloromethane	9.587	83	637147	96.183	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	821019	109.333	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	574656	234.126	ug/L	98
42) Toluene	10.334	91	2099088	103.262	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	695897	107.591	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	381899	96.432	ug/L	98
46) Tetrachloroethene	10.810	164	388116	91.436	ug/L	95
48) 2-Hexanone	10.922	43	461490	233.166	ug/L	100
49) Dibromochloromethane	11.075	129	444992	95.408	ug/L	100
50) 1,2-Dibromoethane	11.181	107	365322	101.102	ug/L	99
51) Chlorobenzene	11.604	112	1325460	99.457	ug/L	97
52) Ethylbenzene	11.681	91	2341314	106.726	ug/L	100
53) m,p-Xylene	11.792	106	883567	107.415	ug/L	93
54) o-Xylene	12.122	106	880791	112.345	ug/L	98
55) Styrene	12.134	104	1568090	111.175	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	452009	98.265	ug/L	99
59) Bromoform	12.298	173	283162	95.603	ug/L	100
60) Isopropylbenzene	12.422	105	2340153	106.678	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	303838	97.139	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1914381	111.118	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1918434	111.835	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1069715	99.344	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	1089182	96.560	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	999463	100.460	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	68235	100.109	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	753056	103.536	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	653111	106.567	ug/L	99
71) Naphthalene	15.328	128	1234539	117.907	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	588062	108.687	ug/L	100

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

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