Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
Data File : VW026515.D
Acq On : 03 Jul 2023 17:55
Operator : SY/MD
Sample : VSTD10002
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100402

Quant Time: Jul 04 01:43:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 01:40:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	622371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	537549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	258644	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1046623	121.162	ug/L	0.00
7) Chloroethane-d5	2.887	69	794948	113.970	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	471360	110.498	ug/L	0.00
21) 2-Butanone-d5	7.075	46	686521	200.549	ug/L	0.00
24) Chloroform-d	7.648	84	1842691	102.070	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1039799	99.109	ug/L	0.00
32) Benzene-d6	8.270	84	3646315	101.153	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1166468	101.415	ug/L	0.00
41) Toluene-d8	10.325	98	3280655	101.558	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	490456	106.333	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	448142	211.651	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	930813	99.429	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	947956	96.795	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	783922	116.882	ug/L	97
3) Chloromethane	2.228	50	1194445	112.193	ug/L	99
5) Vinyl chloride	2.381	62	1143767	111.753	ug/L	99
6) Bromomethane	2.783	94	618412	105.683	ug/L	98
8) Chloroethane	2.930	64	670278	111.306	ug/L	98
9) Trichlorofluoromethane	3.259	101	833114	120.595	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	848468	103.743	ug/L	98
12) 1,1-Dichloroethene	4.045	96	823135	105.393	ug/L	93
13) Acetone	4.118	43	400821	186.368	ug/L	97
14) Carbon disulfide	4.393	76	2525275	102.404	ug/L	100
15) Methyl Acetate	4.667	43	550977	100.579	ug/L	100
16) Methylene chloride	4.923	84	847630	78.895	ug/L	99
17) trans-1,2-Dichloroethene	5.417	96	859316	100.207	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1511141	102.817	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1811230	99.862	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	990077	102.051	ug/L	99
22) 2-Butanone	7.167	43	724169	189.896	ug/L	99
23) Bromochloromethane	7.514	128	414554	101.047	ug/L	91
25) Chloroform	7.673	83	1686211	99.876	ug/L	98
27) 1,2-Dichloroethane	8.398	62	1222268	99.379	ug/L	100
29) Cyclohexane	7.959	56	1656287	104.117	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	1314987	104.430	ug/L	98
31) Carbon tetrachloride	8.069	117	1195628	105.611	ug/L	100
33) Benzene	8.325	78	3679117	100.687	ug/L	100
34) Trichloroethene	9.093	95	954820	101.927	ug/L	98
35) Methylcyclohexane	9.331	83	1620802	101.198	ug/L	99
37) 1,2-Dichloropropane	9.367	63	1013654	101.149	ug/L	100
38) Bromodichloromethane	9.642	83	1235372	105.430	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	1595715	108.907	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	1624961	214.544	ug/L	99
42) Toluene	10.386	91	3776269	101.374	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	1328301	107.771	ug/L	99

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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	10.788	97	702679	101.070	ug/L	98
46) Tetrachloroethene	10.861	164	637262	101.034	ug/L	93
48) 2-Hexanone	10.965	43	1092418	213.648	ug/L	97
49) Dibromochloromethane	11.129	129	745538	104.556	ug/L	91
50) 1,2-Dibromoethane	11.233	107	670094	102.753	ug/L	99
51) Chlorobenzene	11.654	112	2308773	99.511	ug/L	96
52) Ethylbenzene	11.727	91	4324937	102.621	ug/L	99
53) m,p-Xylene	11.836	106	1602032	102.971	ug/L	95
54) o-Xylene	12.166	106	1545955	104.150	ug/L	96
55) Styrene	12.178	104	2626111	103.883	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	906939	100.564	ug/L	97
59) Bromoform	12.342	173	434363	107.398	ug/L	99
60) Isopropylbenzene	12.464	105	4133881	102.684	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	670506	100.017	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	3428597	105.489	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	3307778	105.540	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	1650051	97.849	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	1644894	97.095	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	1505974	99.806	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	161222	100.509	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	1081078	96.868	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	906719	94.262	ug/L	98
71) Naphthalene	15.360	128	2205635	103.315	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	845552	98.567	ug/L	96

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

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