Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027120.D
Acq On : 18 Sep 2023 11:29
Operator : SY/MD
Sample : VSTD05037
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050437

Quant Time: Sep 18 22:11:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 18 22:09:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	497223	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	481021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	283939	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	378831	47.352	ug/L	0.00
7) Chloroethane-d5	2.899	69	292490	47.344	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	168699	49.185	ug/L	0.00
21) 2-Butanone-d5	7.075	46	158503	109.466	ug/L	0.00
24) Chloroform-d	7.648	84	735796	49.256	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	360529	49.463	ug/L	0.00
32) Benzene-d6	8.276	84	1585858	51.050	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	440293	50.090	ug/L	0.00
41) Toluene-d8	10.325	98	1489108	53.860	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	189942	53.474	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	131743	127.554	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	368755	52.358	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	528741	52.144	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	274482	47.381	ug/L	94
3) Chloromethane	2.229	50	316754	52.191	ug/L	100
5) Vinyl chloride	2.375	62	411670	49.850	ug/L	99
6) Bromomethane	2.789	94	286075	49.882	ug/L	100
8) Chloroethane	2.930	64	244208	50.710	ug/L	92
9) Trichlorofluoromethane	3.265	101	340452	53.088	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	380918	51.550	ug/L	95
12) 1,1-Dichloroethene	4.039	96	373205	51.465	ug/L	95
13) Acetone	4.125	43	133375	95.305	ug/L	100
14) Carbon disulfide	4.387	76	1242165	51.384	ug/L	100
15) Methyl Acetate	4.667	43	142787	51.673	ug/L	100
16) Methylene chloride	4.923	84	408673	43.201	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	412644	52.442	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	581049	55.571	ug/L	98
19) 1,1-Dichloroethane	6.216	63	695902	50.429	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	439975	53.159	ug/L	98
22) 2-Butanone	7.167	43	198092	106.744	ug/L	100
23) Bromochloromethane	7.514	128	190572	50.013	ug/L	96
25) Chloroform	7.679	83	707269	49.904	ug/L	100
27) 1,2-Dichloroethane	8.398	62	440368	51.277	ug/L	98
29) Cyclohexane	7.959	56	662653	57.555	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	578680	50.904	ug/L	98
31) Carbon tetrachloride	8.069	117	520836	51.700	ug/L	99
33) Benzene	8.325	78	1664367	52.387	ug/L	100
34) Trichloroethene	9.093	95	426514	50.799	ug/L	96
35) Methylcyclohexane	9.337	83	806704	56.328	ug/L	99
37) 1,2-Dichloropropane	9.368	63	406423	51.512	ug/L	100
38) Bromodichloromethane	9.642	83	497843	51.597	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	665069	56.274	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	409162	115.633	ug/L	99
42) Toluene	10.386	91	1821542	54.259	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	551759	55.630	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027120.D
Acq On : 18 Sep 2023 11:29
Operator : SY/MD
Sample : VSTD05037
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050437

Quant Time: Sep 18 22:11:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 18 22:09:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	310999	51.229	ug/L	97
46) Tetrachloroethene	10.861	164	365339	51.625	ug/L	89
48) 2-Hexanone	10.965	43	291891	117.166	ug/L	98
49) Dibromochloromethane	11.129	129	332491	52.334	ug/L	92
50) 1,2-Dibromoethane	11.233	107	296295	53.181	ug/L	93
51) Chlorobenzene	11.654	112	1159958	52.356	ug/L	96
52) Ethylbenzene	11.727	91	2006842	54.505	ug/L	97
53) m,p-Xylene	11.837	106	792736	56.141	ug/L	99
54) o-Xylene	12.166	106	774399	57.569	ug/L	98
55) Styrene	12.178	104	1327491	57.594	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	374407	52.638	ug/L	95
59) Bromoform	12.349	173	210228	51.108	ug/L	96
60) Isopropylbenzene	12.458	105	2084400	54.793	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	264691	49.984	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1739439	57.137	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1669357	56.594	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	912608	50.732	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	934550	49.986	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	849012	51.637	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	57947	49.414	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	640616	49.472	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	540384	52.656	ug/L	98
71) Naphthalene	15.360	128	998740	58.500	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	480938	51.911	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027120.D
Acq On : 18 Sep 2023 11:29
Operator : SY/MD
Sample : VSTD05037
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050437

Quant Time: Sep 18 22:11:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 18 22:09:41 2023
Response via : Initial Calibration