Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027121.D
Acq On : 18 Sep 2023 11:53
Operator : SY/MD
Sample : VSTD10038
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100438

Quant Time: Sep 18 22:12:10 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	554608	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	545899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	300910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	779659	87.370	ug/L	0.00
7) Chloroethane-d5	2.893	69	616077	89.404	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	360705	94.284	ug/L	0.00
21) 2-Butanone-d5	7.075	46	342765	212.228	ug/L	0.00
24) Chloroform-d	7.648	84	1594275	95.683	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	763036	93.853	ug/L	0.00
32) Benzene-d6	8.270	84	3423315	97.103	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	959882	96.223	ug/L	0.00
41) Toluene-d8	10.325	98	3210975	102.337	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	423617	105.087	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	296459	252.921	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	776901	97.199	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1065714	99.172	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	601868	93.144	ug/L #	90
3) Chloromethane	2.222	50	655018	96.758	ug/L	99
5) Vinyl chloride	2.375	62	828234	89.915	ug/L	99
6) Bromomethane	2.783	94	595631	93.113	ug/L	98
8) Chloroethane	2.930	64	499222	92.938	ug/L	95
9) Trichlorofluoromethane	3.265	101	739155	103.334	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	781606	94.830	ug/L	93
12) 1,1-Dichloroethene	4.045	96	797391	98.583	ug/L	89
13) Acetone	4.118	43	276427	177.087	ug/L	96
14) Carbon disulfide	4.387	76	2579981	95.682	ug/L	100
15) Methyl Acetate	4.667	43	302143	98.028	ug/L	99
16) Methylene chloride	4.917	84	826290	78.309	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	889231	101.316	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	1264605	108.432	ug/L	98
19) 1,1-Dichloroethane	6.216	63	1495237	97.142	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	965012	104.532	ug/L	96
22) 2-Butanone	7.167	43	405702	195.997	ug/L	99
23) Bromochloromethane	7.514	128	420943	99.041	ug/L	95
25) Chloroform	7.679	83	1494028	94.510	ug/L	98
27) 1,2-Dichloroethane	8.398	62	917515	95.782	ug/L	98
29) Cyclohexane	7.959	56	1394728	106.742	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	1223533	94.837	ug/L	100
31) Carbon tetrachloride	8.069	117	1115143	97.537	ug/L	100
33) Benzene	8.325	78	3520839	97.650	ug/L	100
34) Trichloroethene	9.093	95	945982	99.279	ug/L	98
35) Methylcyclohexane	9.337	83	1692810	104.153	ug/L	99
37) 1,2-Dichloropropane	9.367	63	844978	94.368	ug/L	100
38) Bromodichloromethane	9.642	83	1086065	99.183	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	1460027	108.856	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	861458	214.522	ug/L	96
42) Toluene	10.386	91	3842708	100.861	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	1200425	106.647	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027121.D
Acq On : 18 Sep 2023 11:53
Operator : SY/MD
Sample : VSTD10038
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100438

Quant Time: Sep 18 22:12:10 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	10.788	97	670018	97.251	ug/L		98
46)	Tetrachloroethene	10.861	164	816126	101.619	ug/L		87
48)	2-Hexanone	10.965	43	627709	222.019	ug/L		99
49)	Dibromochloromethane	11.129	129	741139	102.791	ug/L		96
50)	1,2-Dibromoethane	11.233	107	637146	100.769	ug/L		96
51)	Chlorobenzene	11.654	112	2467403	98.133	ug/L		95
52)	Ethylbenzene	11.727	91	4383574	104.906	ug/L		97
53)	m,p-Xylene	11.837	106	1717863	107.200	ug/L		97
54)	o-Xylene	12.166	106	1648641	107.994	ug/L		94
55)	Styrene	12.178	104	2848464	108.895	ug/L		96
57)	1,1,2,2-Tetrachloroethane	12.708	83	779887	96.614	ug/L		99
59)	Bromoform	12.349	173	451573	103.589	ug/L		96
60)	Isopropylbenzene	12.458	105	4363788	108.243	ug/L		98
61)	1,2,3-Trichloropropane	12.763	75	553310	98.594	ug/L		99
62)	1,3,5-Trimethylbenzene	12.940	105	3723074	115.398	ug/L		99
63)	1,2,4-Trimethylbenzene	13.245	105	3596681	115.057	ug/L		99
64)	1,3-Dichlorobenzene	13.495	146	1959908	102.807	ug/L		94
65)	1,4-Dichlorobenzene	13.574	146	1924870	97.148	ug/L		99
67)	1,2-Dichlorobenzene	13.867	146	1770173	101.590	ug/L		99
68)	1,2-Dibromo-3-chloropr...	14.482	75	118893	95.668	ug/L	#	86
69)	1,3,5-Trichlorobenzene	14.629	180	1368625	99.732	ug/L		98
70)	1,2,4-trichlorobenzene	15.123	180	1086683	99.916	ug/L		98
71)	Naphthalene	15.360	128	2087087	115.355	ug/L		99
72)	1,2,3-Trichlorobenzene	15.549	180	993904	101.229	ug/L		95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027121.D
Acq On : 18 Sep 2023 11:53
Operator : SY/MD
Sample : VSTD10038
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100438

Quant Time: Sep 18 22:12:10 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