Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
Data File : VW026586.D
Acq On : 11 Jul 2023 09:47
Operator : SY/MD
Sample : VSTD05017
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050417

Quant Time: Jul 12 06:34:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 12 06:31:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	634079	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	540989	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255273	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	485022	45.348	ug/L		0.00
7) Chloroethane-d5	2.893	69	345504	46.036	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	231726	46.134	ug/L		0.00
21) 2-Butanone-d5	7.081	46	333384	96.842	ug/L		0.00
24) Chloroform-d	7.648	84	877576	48.072	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	478294	46.924	ug/L		0.00
32) Benzene-d6	8.276	84	1824443	49.127	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	558818	48.936	ug/L		0.00
41) Toluene-d8	10.325	98	1599091	50.203	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	233833	51.084	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	244779	109.854	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	464741	48.059	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	464363	49.546	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	366211	49.661	ug/L		95
3) Chloromethane	2.223	50	484136	47.373	ug/L		97
5) Vinyl chloride	2.375	62	502309	46.637	ug/L		99
6) Bromomethane	2.789	94	268219	46.846	ug/L		100
8) Chloroethane	2.930	64	290827	48.290	ug/L		97
9) Trichlorofluoromethane	3.265	101	413292	51.807	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	426536	48.639	ug/L	#	74
12) 1,1-Dichloroethene	4.045	96	417203	49.115	ug/L		87
13) Acetone	4.131	43	233998	94.109	ug/L		97
14) Carbon disulfide	4.393	76	1460331	49.042	ug/L		99
15) Methyl Acetate	4.673	43	281560	47.556	ug/L		99
16) Methylene chloride	4.923	84	424485	38.022	ug/L		97
17) trans-1,2-Dichloroethene	5.429	96	458255	50.456	ug/L		99
18) Methyl tert-butyl Ether	5.429	73	720683	50.701	ug/L		99
19) 1,1-Dichloroethane	6.216	63	898620	49.488	ug/L		97
20) cis-1,2-Dichloroethene	7.173	96	481155	51.161	ug/L		97
22) 2-Butanone	7.173	43	372877	98.565	ug/L		98
23) Bromochloromethane	7.514	128	194971	48.398	ug/L		95
25) Chloroform	7.679	83	810717	48.729	ug/L		99
27) 1,2-Dichloroethane	8.398	62	562106	47.993	ug/L		96
29) Cyclohexane	7.959	56	908321	53.926	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	670107	50.537	ug/L		99
31) Carbon tetrachloride	8.069	117	609885	50.670	ug/L		99
33) Benzene	8.325	78	1883731	50.535	ug/L		100
34) Trichloroethene	9.093	95	487275	50.890	ug/L		98
35) Methylcyclohexane	9.337	83	890184	51.776	ug/L		100
37) 1,2-Dichloropropane	9.368	63	498311	50.340	ug/L		100
38) Bromodichloromethane	9.648	83	574462	51.078	ug/L		100
39) cis-1,3-Dichloropropene	10.075	75	765501	53.713	ug/L		95
40) 4-Methyl-2-pentanone	10.209	43	781121	104.546	ug/L		99
42) Toluene	10.386	91	1963536	52.161	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	646543	53.791	ug/L		96

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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	342652	49.593	ug/L		98
46) Tetrachloroethene	10.861	164	348168	51.220	ug/L		94
48) 2-Hexanone	10.965	43	554812	106.403	ug/L		99
49) Dibromochloromethane	11.129	129	351816	51.428	ug/L		93
50) 1,2-Dibromoethane	11.233	107	332042	50.985	ug/L		95
51) Chlorobenzene	11.654	112	1157957	50.171	ug/L		95
52) Ethylbenzene	11.727	91	2206678	52.654	ug/L		99
53) m,p-Xylene	11.837	106	819971	53.780	ug/L		95
54) o-Xylene	12.166	106	763005	53.316	ug/L		99
55) Styrene	12.178	104	1282154	53.117	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.715	83	449745	49.602	ug/L		97
59) Bromoform	12.349	173	211652	52.422	ug/L		97
60) Isopropylbenzene	12.458	105	2132778	54.000	ug/L		99
61) 1,2,3-Trichloropropane	12.769	75	337275	48.917	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	1723079	56.879	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	1685616	56.123	ug/L		100
64) 1,3-Dichlorobenzene	13.501	146	827538	49.933	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	833238	50.412	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	729186	49.714	ug/L	#	86
68) 1,2-Dibromo-3-chloropr...	14.482	75	80366	48.955	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.623	180	547381	49.910	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	454531	50.503	ug/L		97
71) Naphthalene	15.360	128	1128112	55.350	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	420656	49.647	ug/L		100

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

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