Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
Data File : VW027541.D
Acq On : 06 Nov 2023 10:31
Operator : SY/MD
Sample : VSTD10070
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100470

Quant Time: Nov 07 00:27:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 07 00:24:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	462814	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	428655	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195075	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	828922	98.924	ug/L	0.00
7) Chloroethane-d5	2.899	69	574245	99.433	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	360164	98.617	ug/L	0.00
21) 2-Butanone-d5	7.075	46	340353	187.514	ug/L	0.00
24) Chloroform-d	7.654	84	1356716	100.477	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	677466	98.743	ug/L	0.00
32) Benzene-d6	8.276	84	2809239	98.024	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	867302	97.964	ug/L	0.00
41) Toluene-d8	10.325	98	2564214	100.005	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	362007	106.744	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	279619	207.504	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	578917	97.284	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	763349	102.948	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	566798	111.137	ug/L	98
3) Chloromethane	2.228	50	739626	108.167	ug/L	100
5) Vinyl chloride	2.375	62	775005	99.904	ug/L	99
6) Bromomethane	2.789	94	431476	100.828	ug/L	100
8) Chloroethane	2.936	64	440736	99.353	ug/L	98
9) Trichlorofluoromethane	3.271	101	633859	107.960	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	611726	104.271	ug/L	98
12) 1,1-Dichloroethene	4.045	96	608267	99.601	ug/L	95
13) Acetone	4.124	43	378468	197.419	ug/L	96
14) Carbon disulfide	4.393	76	2098934	99.919	ug/L	99
15) Methyl Acetate	4.673	43	279032	98.445	ug/L	98
16) Methylene chloride	4.917	84	625551	82.813	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	654065	101.121	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	906055	93.890	ug/L	99
19) 1,1-Dichloroethane	6.222	63	1288561	100.067	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	695369	99.456	ug/L	98
22) 2-Butanone	7.173	43	466588	191.355	ug/L	100
23) Bromochloromethane	7.520	128	282592	97.209	ug/L	92
25) Chloroform	7.679	83	1175341	98.309	ug/L	97
27) 1,2-Dichloroethane	8.404	62	767953	97.619	ug/L	99
29) Cyclohexane	7.959	56	1278205	98.438	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	960278	95.717	ug/L	99
31) Carbon tetrachloride	8.075	117	864967	98.499	ug/L	100
33) Benzene	8.325	78	2723460	96.155	ug/L	100
34) Trichloroethene	9.093	95	712078	97.271	ug/L	95
35) Methylcyclohexane	9.337	83	1309701	98.769	ug/L	100
37) 1,2-Dichloropropane	9.367	63	727974	97.751	ug/L	100
38) Bromodichloromethane	9.642	83	833134	98.353	ug/L	91
39) cis-1,3-Dichloropropene	10.068	75	1157609	105.141	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	816837	196.428	ug/L	99
42) Toluene	10.385	91	2878797	97.967	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	938099	106.033	ug/L	100

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	464702	95.973	ug/L		96
46) Tetrachloroethene	10.861	164	529311	100.752	ug/L		86
48) 2-Hexanone	10.965	43	677415	204.714	ug/L		100
49) Dibromochloromethane	11.129	129	509223	104.017	ug/L		93
50) 1,2-Dibromoethane	11.233	107	429522	94.656	ug/L	#	94
51) Chlorobenzene	11.654	112	1769871	97.861	ug/L		98
52) Ethylbenzene	11.727	91	3365059	100.410	ug/L		97
53) m,p-Xylene	11.836	106	1242992	100.588	ug/L		99
54) o-Xylene	12.160	106	1197693	102.372	ug/L		94
55) Styrene	12.178	104	2049286	103.365	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.714	83	546208	96.287	ug/L		99
59) Bromoform	12.349	173	269819	107.161	ug/L		96
60) Isopropylbenzene	12.458	105	3243698	101.524	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	387384	96.265	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	2542092	104.354	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	2610145	104.700	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	1344655	103.568	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	1264232	97.200	ug/L		94
67) 1,2-Dichlorobenzene	13.867	146	1147046	101.246	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	83804	93.301	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	789262	94.768	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	650597	96.144	ug/L		90
71) Naphthalene	15.360	128	1324452	105.112	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	536929	95.406	ug/L		99

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

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