Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
Data File : VW025776.D
Acq On : 01 May 2023 13:15
Operator : SY/MD
Sample : VSTD10055
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

Quant Time: May 02 01:08:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 01:04:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	673568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	618778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1055822	110.616	ug/L	0.00
7) Chloroethane-d5	2.893	69	755818	106.809	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	504823	105.623	ug/L	0.00
21) 2-Butanone-d5	7.069	46	653860	207.217	ug/L	-0.01
24) Chloroform-d	7.648	84	1945621	100.174	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1068538	97.291	ug/L	0.00
32) Benzene-d6	8.276	84	3997422	98.867	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1281347	99.049	ug/L	0.00
41) Toluene-d8	10.325	98	3615378	100.276	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	552774	105.415	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	487113	220.821	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	965840	97.955	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1120472	98.450	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	882255	119.642	ug/L	100
3) Chloromethane	2.229	50	1138146	102.577	ug/L	98
5) Vinyl chloride	2.375	62	1116987	97.260	ug/L	99
6) Bromomethane	2.789	94	592566	94.866	ug/L	99
8) Chloroethane	2.930	64	630628	96.570	ug/L	99
9) Trichlorofluoromethane	3.265	101	929600	107.256	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	906772	96.199	ug/L	98
12) 1,1-Dichloroethene	4.045	96	883656	98.093	ug/L	90
13) Acetone	4.119	43	472114	168.737	ug/L	99
14) Carbon disulfide	4.393	76	2923534	95.966	ug/L	100
15) Methyl Acetate	4.667	43	527947	95.752	ug/L	98
16) Methylene chloride	4.923	84	961371	69.208	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	943586	96.016	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	1468853	98.479	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1919749	95.080	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	1038960	98.543	ug/L	96
22) 2-Butanone	7.167	43	735388	190.347	ug/L	100
23) Bromochloromethane	7.508	128	413100	92.487	ug/L	95
25) Chloroform	7.679	83	1756346	94.645	ug/L	97
27) 1,2-Dichloroethane	8.398	62	1220714	92.625	ug/L	100
29) Cyclohexane	7.959	56	1910012	99.607	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	1398591	92.421	ug/L	100
31) Carbon tetrachloride	8.069	117	1266430	92.992	ug/L	100
33) Benzene	8.325	78	3902634	91.161	ug/L	100
34) Trichloroethene	9.093	95	1020556	92.901	ug/L	96
35) Methylcyclohexane	9.337	83	1900605	97.275	ug/L	98
37) 1,2-Dichloropropane	9.368	63	1079913	92.073	ug/L	99
38) Bromodichloromethane	9.642	83	1280235	95.141	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	1723438	100.198	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	1514112	198.326	ug/L	100
42) Toluene	10.386	91	4047727	92.535	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	1434873	100.678	ug/L	98

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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	10.782	97	713899	90.990	ug/L	99
46) Tetrachloroethene	10.861	164	710507	91.934	ug/L	95
48) 2-Hexanone	10.965	43	1091548	196.255	ug/L	99
49) Dibromochloromethane	11.129	129	798257	98.275	ug/L	97
50) 1,2-Dibromoethane	11.233	107	685591	94.788	ug/L	98
51) Chlorobenzene	11.654	112	2541695	93.795	ug/L	96
52) Ethylbenzene	11.727	91	4748158	96.497	ug/L	98
53) m,p-Xylene	11.837	106	1754818	96.899	ug/L	99
54) o-Xylene	12.166	106	1672429	97.978	ug/L	93
55) Styrene	12.178	104	2864700	98.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	904516	92.394	ug/L	99
59) Bromoform	12.349	173	456492	98.714	ug/L	99
60) Isopropylbenzene	12.458	105	4600295	96.937	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	655490	88.838	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	3831284	101.929	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	3468043	99.984	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1842727	90.201	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	1861640	90.198	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	1679669	92.192	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	153122	89.494	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	1282881	94.603	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	1138803	100.240	ug/L	98
71) Naphthalene	15.360	128	2225055	103.768	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	975553	96.779	ug/L	97

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

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