Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
Data File : VW025375.D
Acq On : 06 Mar 2023 10:26
Operator : SY/MD
Sample : VSTD10035
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100435

Quant Time: Mar 07 04:53:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Mar 07 04:37:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	808749	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	718105	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	337473	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	1276437	94.912	ug/L		0.00
7) Chloroethane-d5	2.893	69	906821	93.631	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	63	2508005	96.565	ug/L		0.00
21) 2-Butanone-d5	7.075	46	650804	193.638	ug/L		0.00
24) Chloroform-d	7.648	84	2182445	93.607	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	1134174	90.632	ug/L		0.00
32) Benzene-d6	8.276	84	4552479	92.780	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	1419981	93.578	ug/L		0.00
41) Toluene-d8	10.325	98	4111676	95.041	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	608483	100.667	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	456588	209.177	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1017874	91.528	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1208571	96.302	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.021	85	1037386	115.068	ug/L		98
3) Chloromethane	2.228	50	1253424	114.027	ug/L		97
5) Vinyl chloride	2.375	62	1320150	106.303	ug/L		98
6) Bromomethane	2.789	94	699809	105.695	ug/L		99
8) Chloroethane	2.936	64	751027	105.220	ug/L		96
9) Trichlorofluoromethane	3.271	101	1158298	107.758	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	1052869	101.004	ug/L		97
12) 1,1-Dichloroethene	4.045	96	1051317	104.228	ug/L		86
13) Acetone	4.118	43	567436	178.834	ug/L		98
14) Carbon disulfide	4.393	76	3478195	110.922	ug/L		99
15) Methyl Acetate	4.667	43	552071	91.550	ug/L		100
16) Methylene chloride	4.917	84	1037890	92.163	ug/L		97
17) trans-1,2-Dichloroethene	5.429	96	1101945	104.229	ug/L		99
18) Methyl tert-butyl Ether	5.429	73	1613328	101.362	ug/L		99
19) 1,1-Dichloroethane	6.222	63	2185002	99.802	ug/L		99
20) cis-1,2-Dichloroethene	7.173	96	1198596	103.315	ug/L	#	97
22) 2-Butanone	7.167	43	782629	190.671	ug/L		99
23) Bromochloromethane	7.514	128	490740	98.633	ug/L		98
25) Chloroform	7.679	83	1979322	96.171	ug/L		98
27) 1,2-Dichloroethane	8.398	62	1337580	97.386	ug/L		99
29) Cyclohexane	7.959	56	2219067	109.475	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	1642708	96.229	ug/L		99
31) Carbon tetrachloride	8.069	117	1532696	100.164	ug/L		99
33) Benzene	8.325	78	4525559	98.571	ug/L		100
34) Trichloroethene	9.093	95	1198340	99.446	ug/L		98
35) Methylcyclohexane	9.337	83	2225278	106.235	ug/L		98
37) 1,2-Dichloropropane	9.367	63	1206241	95.447	ug/L		100
38) Bromodichloromethane	9.642	83	1438921	97.629	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	1922986	105.622	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	1549466	203.993	ug/L		99
42) Toluene	10.386	91	4744534	100.088	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	1594136	104.556	ug/L		100

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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	810072	95.448	ug/L	99
46) Tetrachloroethene	10.861	164	884656	103.178	ug/L	97
48) 2-Hexanone	10.965	43	1119557	204.868	ug/L	100
49) Dibromochloromethane	11.129	129	883579	97.437	ug/L	99
50) 1,2-Dibromoethane	11.233	107	769644	97.969	ug/L	97
51) Chlorobenzene	11.654	112	2932208	97.463	ug/L	98
52) Ethylbenzene	11.727	91	5473513	101.241	ug/L	95
53) m,p-Xylene	11.836	106	2053578	102.985	ug/L	98
54) o-Xylene	12.166	106	1957495	104.322	ug/L	92
55) Styrene	12.178	104	3313514	103.408	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	977581	92.599	ug/L	98
59) Bromoform	12.349	173	494337	101.529	ug/L	97
60) Isopropylbenzene	12.464	105	5399776	107.335	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	705724	95.982	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	4424362	111.045	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	4280031	109.042	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	2164698	101.547	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	2172561	99.357	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	1935831	101.251	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	164219	96.476	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	1471734	101.563	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	1282663	106.757	ug/L	100
71) Naphthalene	15.360	128	2676943	112.874	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	1135988	105.267	ug/L	97

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

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