Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
Data File : VW025351.D
Acq On : 22 Feb 2023 10:33
Operator : SY/MD
Sample : VSTD10029
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

Quant Time: Feb 22 21:00:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 22 20:57:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	363475	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	324551	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154325	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	291293	94.664	ug/L		0.00
7) Chloroethane-d5	2.893	69	215503	96.462	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	63	767018	96.031	ug/L		0.00
21) 2-Butanone-d5	7.075	46	144499	206.638	ug/L		0.00
24) Chloroform-d	7.648	84	675574	96.892	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	348362	96.312	ug/L		0.00
32) Benzene-d6	8.276	84	1324796	96.321	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	370497	95.993	ug/L		0.00
41) Toluene-d8	10.325	98	1254013	97.799	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	180807	102.826	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	123872	220.021	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	281346	97.371	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	371875	94.875	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	458187	105.649	ug/L		99
3) Chloromethane	2.222	50	402984	98.237	ug/L		99
5) Vinyl chloride	2.375	62	455908	95.616	ug/L		98
6) Bromomethane	2.783	94	284401	93.939	ug/L		98
8) Chloroethane	2.930	64	263048	94.287	ug/L		99
9) Trichlorofluoromethane	3.271	101	581582	100.521	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	454354	93.359	ug/L	#	74
12) 1,1-Dichloroethene	4.045	96	447752	95.604	ug/L		100
13) Acetone	4.118	43	212756	183.985	ug/L		99
14) Carbon disulfide	4.387	76	1444778	94.577	ug/L		100
15) Methyl Acetate	4.667	43	174111	94.680	ug/L		98
16) Methylene chloride	4.923	84	422240	82.154	ug/L		97
17) trans-1,2-Dichloroethene	5.429	96	472792	96.297	ug/L		95
18) Methyl tert-butyl Ether	5.429	73	676095	97.500	ug/L		100
19) 1,1-Dichloroethane	6.222	63	833284	94.449	ug/L		99
20) cis-1,2-Dichloroethene	7.167	96	509785	98.817	ug/L		95
22) 2-Butanone	7.167	43	261505	196.873	ug/L		100
23) Bromochloromethane	7.514	128	212668	96.604	ug/L		95
25) Chloroform	7.679	83	857930	94.495	ug/L		100
27) 1,2-Dichloroethane	8.398	62	579679	94.656	ug/L		100
29) Cyclohexane	7.959	56	805955	98.649	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	792728	94.290	ug/L		99
31) Carbon tetrachloride	8.069	117	754220	95.313	ug/L		98
33) Benzene	8.325	78	1845778	93.012	ug/L		100
34) Trichloroethene	9.093	95	519911	93.813	ug/L		94
35) Methylcyclohexane	9.337	83	932931	96.060	ug/L		99
37) 1,2-Dichloropropane	9.367	63	448012	93.330	ug/L		100
38) Bromodichloromethane	9.648	83	618563	95.000	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	787656	100.291	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	496971	203.509	ug/L		100
42) Toluene	10.386	91	2043803	95.665	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	674931	102.232	ug/L		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	333447	93.132	ug/L	99
46) Tetrachloroethene	10.861	164	387821	92.669	ug/L	97
48) 2-Hexanone	10.965	43	368019	201.913	ug/L	99
49) Dibromochloromethane	11.129	129	406646	98.325	ug/L	94
50) 1,2-Dibromoethane	11.233	107	333505	97.165	ug/L	99
51) Chlorobenzene	11.654	112	1289492	93.984	ug/L	100
52) Ethylbenzene	11.727	91	2381750	96.207	ug/L	98
53) m,p-Xylene	11.836	106	899542	95.631	ug/L	100
54) o-Xylene	12.166	106	839859	96.580	ug/L	96
55) Styrene	12.178	104	1422623	96.195	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	385096	94.215	ug/L	97
59) Bromoform	12.349	173	223671	96.814	ug/L	100
60) Isopropylbenzene	12.464	105	2416576	95.740	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	289510	94.686	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1998433	98.585	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1993613	103.896	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	953406	96.597	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	949894	95.999	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	857051	94.692	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	61032	86.388	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	569394	84.283	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	478162	81.569	ug/L	99
71) Naphthalene	15.360	128	977641	86.734	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	407969	81.947	ug/L	99

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

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