Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
Data File : VW025374.D
Acq On : 06 Mar 2023 10:02
Operator : SY/MD
Sample : VSTD05034
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

Quant Time: Mar 07 04:52:51 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	905159	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	785620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	385051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	697387	46.333	ug/L	0.00
7) Chloroethane-d5	2.899	69	496164	45.773	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	63	1383162	47.583	ug/L	0.00
21) 2-Butanone-d5	7.075	46	316582	84.162	ug/L	0.00
24) Chloroform-d	7.648	84	1227758	47.051	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	625107	44.632	ug/L	0.00
32) Benzene-d6	8.276	84	2560050	47.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	788212	47.480	ug/L	0.00
41) Toluene-d8	10.325	98	2319580	49.009	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	320013	48.393	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	215230	90.130	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	533051	43.813	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	697124	48.685	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	534635	52.986	ug/L	100
3) Chloromethane	2.222	50	659779	53.629	ug/L	99
5) Vinyl chloride	2.375	62	705042	50.725	ug/L	99
6) Bromomethane	2.789	94	382421	51.607	ug/L	98
8) Chloroethane	2.936	64	402131	50.338	ug/L	99
9) Trichlorofluoromethane	3.271	101	611021	50.790	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	555260	47.594	ug/L	95
12) 1,1-Dichloroethene	4.045	96	568999	50.402	ug/L	90
13) Acetone	4.118	43	295118	83.103	ug/L	96
14) Carbon disulfide	4.387	76	1888105	53.800	ug/L	99
15) Methyl Acetate	4.667	43	271883	40.284	ug/L	99
16) Methylene chloride	4.917	84	573413	45.495	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	600989	50.791	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	834918	46.869	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1196866	48.845	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	647790	49.890	ug/L	98
22) 2-Butanone	7.167	43	383183	83.411	ug/L	99
23) Bromochloromethane	7.514	128	258058	46.342	ug/L	92
25) Chloroform	7.679	83	1096284	47.593	ug/L	96
27) 1,2-Dichloroethane	8.398	62	713251	46.399	ug/L	100
29) Cyclohexane	7.959	56	1195736	53.921	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	910681	48.763	ug/L	100
31) Carbon tetrachloride	8.069	117	820162	48.993	ug/L	99
33) Benzene	8.325	78	2515855	50.088	ug/L	100
34) Trichloroethene	9.093	95	659445	50.022	ug/L	98
35) Methylcyclohexane	9.337	83	1199840	52.358	ug/L	98
37) 1,2-Dichloropropane	9.367	63	663147	47.964	ug/L	100
38) Bromodichloromethane	9.642	83	770345	47.775	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	1025969	51.509	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	741015	89.173	ug/L	99
42) Toluene	10.386	91	2642720	50.958	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	832711	49.922	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	426081	45.889	ug/L	98
46) Tetrachloroethene	10.861	164	471311	50.246	ug/L	96
48) 2-Hexanone	10.965	43	526069	87.993	ug/L	97
49) Dibromochloromethane	11.129	129	465627	46.934	ug/L	98
50) 1,2-Dibromoethane	11.233	107	397450	46.244	ug/L	95
51) Chlorobenzene	11.654	112	1595614	48.478	ug/L	99
52) Ethylbenzene	11.727	91	3024038	51.127	ug/L	98
53) m,p-Xylene	11.837	106	1123710	51.510	ug/L	99
54) o-Xylene	12.166	106	1059261	51.600	ug/L	96
55) Styrene	12.178	104	1810107	51.635	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	497972	43.115	ug/L	99
59) Bromoform	12.343	173	253213	45.580	ug/L	99
60) Isopropylbenzene	12.458	105	3007559	52.396	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	366051	43.633	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2442149	53.720	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	2401968	53.634	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1202322	49.432	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	1152230	46.184	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	1048895	48.082	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	77529	39.919	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	794924	48.079	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	683926	49.890	ug/L	99
71) Naphthalene	15.360	128	1331999	49.224	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	576526	46.823	ug/L	99

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

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