Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
Data File : VW026513.D
Acq On : 03 Jul 2023 17:07
Operator : SY/MD
Sample : VSTD02580
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

Quant Time: Jul 04 01:42:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 01:40:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	666244	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	587182	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	250030	27.039	ug/L	0.00
7) Chloroethane-d5	2.893	69	194507	26.050	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	118678	25.989	ug/L	0.00
21) 2-Butanone-d5	7.075	46	184689	50.399	ug/L	0.00
24) Chloroform-d	7.648	84	490247	25.368	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	283045	25.202	ug/L	0.00
32) Benzene-d6	8.270	84	1016300	25.810	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	318446	25.346	ug/L	0.00
41) Toluene-d8	10.325	98	893148	25.312	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	127314	25.269	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	125036	54.061	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263886	25.806	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	273085	25.125	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	189822	26.439	ug/L	100
3) Chloromethane	2.229	50	312941	27.458	ug/L	100
5) Vinyl chloride	2.381	62	293025	26.745	ug/L	100
6) Bromomethane	2.783	94	161507	25.783	ug/L	100
8) Chloroethane	2.930	64	173056	26.845	ug/L	100
9) Trichlorofluoromethane	3.259	101	193986	26.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	230256	26.300	ug/L	100
12) 1,1-Dichloroethene	4.045	96	219743	26.283	ug/L	100
13) Acetone	4.119	43	110667	48.068	ug/L	100
14) Carbon disulfide	4.399	76	682335	25.848	ug/L	100
15) Methyl Acetate	4.667	43	161155	27.481	ug/L	100
16) Methylene chloride	4.923	84	246411	21.425	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	240370	26.184	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	423706	26.930	ug/L	100
19) 1,1-Dichloroethane	6.216	63	502029	25.857	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	268124	25.817	ug/L	100
22) 2-Butanone	7.173	43	205269	50.282	ug/L	100
23) Bromochloromethane	7.514	128	112276	25.565	ug/L	100
25) Chloroform	7.679	83	468392	25.917	ug/L	100
27) 1,2-Dichloroethane	8.398	62	344583	26.172	ug/L	100
29) Cyclohexane	7.953	56	469533	27.021	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	355461	25.843	ug/L	100
31) Carbon tetrachloride	8.069	117	325175	26.295	ug/L	100
33) Benzene	8.325	78	1039200	26.036	ug/L	100
34) Trichloroethene	9.093	95	264757	25.874	ug/L	100
35) Methylcyclohexane	9.337	83	475719	27.192	ug/L	100
37) 1,2-Dichloropropane	9.368	63	286394	26.163	ug/L	100
38) Bromodichloromethane	9.642	83	332738	25.996	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	434017	27.118	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	464037	56.088	ug/L	100
42) Toluene	10.386	91	1069289	26.279	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	364849	27.100	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	10.782	97	198097	26.085	ug/L	100
46) Tetrachloroethene	10.861	164	181241	26.306	ug/L	100
48) 2-Hexanone	10.965	43	325247	58.233	ug/L	100
49) Dibromochloromethane	11.130	129	210215	26.989	ug/L	100
50) 1,2-Dibromoethane	11.233	107	188012	26.393	ug/L	100
51) Chlorobenzene	11.654	112	655387	25.860	ug/L	100
52) Ethylbenzene	11.727	91	1226550	26.643	ug/L	100
53) m,p-Xylene	11.837	106	447534	26.334	ug/L	100
54) o-Xylene	12.166	106	429716	26.503	ug/L	100
55) Styrene	12.178	104	740710	26.824	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	266819	27.085	ug/L	100
59) Bromoform	12.349	173	123066	27.417	ug/L	100
60) Isopropylbenzene	12.465	105	1189719	26.628	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	203091	27.296	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	981412	27.207	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	973852	27.998	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	489711	26.166	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	484942	25.792	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	448901	26.806	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.483	75	47037	26.422	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	326437	26.355	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	279291	26.162	ug/L	100
71) Naphthalene	15.360	128	678850	28.652	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	242983	25.522	ug/L	100

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

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