Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026672.D
Acq On : 10 Aug 2023 11:08
Operator : SY/MD
Sample : VSTD02522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

Quant Time: Aug 11 01:26:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 01:25:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	502639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	501871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	192156	23.255	ug/L	0.00
7) Chloroethane-d5	2.893	69	143327	23.613	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	96217	23.676	ug/L	0.00
21) 2-Butanone-d5	7.081	46	107954	45.719	ug/L	0.00
24) Chloroform-d	7.648	84	405543	24.039	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	227194	24.404	ug/L	0.00
32) Benzene-d6	8.276	84	830936	24.023	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	254399	23.612	ug/L	0.00
41) Toluene-d8	10.325	98	722541	24.335	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	106539	23.950	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	55932	49.406	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	205588	24.163	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	222886	23.699	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	163903	23.680	ug/L	100
3) Chloromethane	2.229	50	226335	24.221	ug/L	100
5) Vinyl chloride	2.375	62	233709	26.162	ug/L	100
6) Bromomethane	2.789	94	131572	25.242	ug/L	100
8) Chloroethane	2.936	64	137200	25.632	ug/L	100
9) Trichlorofluoromethane	3.265	101	185114	25.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	208062	26.536	ug/L	100
12) 1,1-Dichloroethene	4.051	96	192015	25.845	ug/L	100
13) Acetone	4.131	43	101550	43.414	ug/L	100
14) Carbon disulfide	4.393	76	688847	25.772	ug/L	100
15) Methyl Acetate	4.673	43	122467	25.891	ug/L	100
16) Methylene chloride	4.923	84	236095	24.282	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	210511	25.392	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	328975	26.225	ug/L	100
19) 1,1-Dichloroethane	6.216	63	434605	25.471	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	225107	25.261	ug/L	100
22) 2-Butanone	7.173	43	167085	48.014	ug/L	100
23) Bromochloromethane	7.514	128	98854	25.681	ug/L	100
25) Chloroform	7.679	83	408177	24.762	ug/L	100
27) 1,2-Dichloroethane	8.398	62	293643	25.535	ug/L	100
29) Cyclohexane	7.959	56	401026	25.839	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	328548	25.084	ug/L	100
31) Carbon tetrachloride	8.069	117	307697	25.693	ug/L	100
33) Benzene	8.325	78	930827	25.469	ug/L	100
34) Trichloroethene	9.093	95	231752	24.897	ug/L	100
35) Methylcyclohexane	9.337	83	414064	26.003	ug/L	100
37) 1,2-Dichloropropane	9.367	63	252755	25.249	ug/L	100
38) Bromodichloromethane	9.642	83	290821	24.764	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	371553	25.800	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	338463	51.978	ug/L	100
42) Toluene	10.386	91	970335	26.246	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	322139	25.988	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	170791	24.946	ug/L	100
46) Tetrachloroethene	10.861	164	170779	25.254	ug/L	100
48) 2-Hexanone	10.965	43	234637	52.955	ug/L	100
49) Dibromochloromethane	11.129	129	179149	25.019	ug/L	100
50) 1,2-Dibromoethane	11.233	107	161309	25.110	ug/L	100
51) Chlorobenzene	11.654	112	585339	25.064	ug/L	100
52) Ethylbenzene	11.727	91	1074600	25.919	ug/L	100
53) m,p-Xylene	11.837	106	395922	25.777	ug/L	100
54) o-Xylene	12.166	106	376195	26.243	ug/L	100
55) Styrene	12.178	104	666313	26.733	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	218480	25.197	ug/L	100
59) Bromoform	12.349	173	104942	25.495	ug/L	100
60) Isopropylbenzene	12.458	105	1024992	26.238	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	160078	25.115	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	849922	27.525	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	818107	27.038	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	444022	26.135	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	448866	25.316	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	386293	25.003	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	36492	23.938	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	291675	25.411	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	245977	25.275	ug/L	100
71) Naphthalene	15.360	128	485534	26.155	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225595	25.701	ug/L	100

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

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