Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
Data File : VW028954.D
Acq On : 03 Jun 2024 10:31
Operator : SY/MD
Sample : VSTD05043
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050443

Quant Time: Jun 04 01:52:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 04 01:36:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	340041	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	314076	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153324	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	275693	51.035	ug/L		0.00
7) Chloroethane-d5	2.899	69	215614	52.048	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	123491	52.011	ug/L		0.00
21) 2-Butanone-d5	7.075	46	114906	102.754	ug/L		0.00
24) Chloroform-d	7.648	84	495420	51.069	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	257972	50.511	ug/L		0.00
32) Benzene-d6	8.276	84	1006590	52.217	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	302048	51.678	ug/L		0.00
41) Toluene-d8	10.318	98	919790	53.469	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.574	79	119914	53.392	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	86033	111.543	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	206251	50.796	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	280789	51.608	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	163687	43.018	ug/L		97
3) Chloromethane	2.222	50	236970	49.954	ug/L		99
5) Vinyl chloride	2.375	62	268408	46.743	ug/L		98
6) Bromomethane	2.789	94	164791	47.898	ug/L		100
8) Chloroethane	2.936	64	166764	48.089	ug/L		99
9) Trichlorofluoromethane	3.271	101	231965	48.597	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	230223	49.377	ug/L	#	70
12) 1,1-Dichloroethene	4.045	96	218850	50.917	ug/L		99
13) Acetone	4.118	43	118105	102.110	ug/L		100
14) Carbon disulfide	4.393	76	724168	49.764	ug/L		100
15) Methyl Acetate	4.667	43	99895	50.199	ug/L		99
16) Methylene chloride	4.923	84	229645	44.998	ug/L		99
17) trans-1,2-Dichloroethene	5.429	96	233798	49.890	ug/L		97
18) Methyl tert-butyl Ether	5.423	73	346560	53.032	ug/L		100
19) 1,1-Dichloroethane	6.216	63	460160	49.944	ug/L		99
20) cis-1,2-Dichloroethene	7.167	96	259013	52.720	ug/L		98
22) 2-Butanone	7.167	43	154193	111.267	ug/L		99
23) Bromochloromethane	7.514	128	108548	50.614	ug/L		97
25) Chloroform	7.679	83	451381	50.442	ug/L		98
27) 1,2-Dichloroethane	8.398	62	301381	50.257	ug/L		98
29) Cyclohexane	7.959	56	423904	54.284	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	368039	50.575	ug/L		99
31) Carbon tetrachloride	8.069	117	335982	50.688	ug/L		97
33) Benzene	8.325	78	1000340	51.223	ug/L		100
34) Trichloroethene	9.093	95	259747	50.591	ug/L		91
35) Methylcyclohexane	9.337	83	463027	53.162	ug/L		100
37) 1,2-Dichloropropane	9.367	63	259787	50.798	ug/L		100
38) Bromodichloromethane	9.642	83	316027	50.669	ug/L		96
39) cis-1,3-Dichloropropene	10.068	75	404175	54.382	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	286275	110.054	ug/L		99
42) Toluene	10.386	91	1041198	52.189	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	327434	54.648	ug/L		98

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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	171961	49.787	ug/L		98
46) Tetrachloroethene	10.861	164	196553	50.388	ug/L		92
48) 2-Hexanone	10.965	43	216380	110.948	ug/L		99
49) Dibromochloromethane	11.123	129	189977	52.076	ug/L		94
50) 1,2-Dibromoethane	11.233	107	164464	52.162	ug/L	#	96
51) Chlorobenzene	11.654	112	656341	51.214	ug/L		97
52) Ethylbenzene	11.727	91	1215364	53.617	ug/L		94
53) m,p-Xylene	11.836	106	452837	53.936	ug/L		95
54) o-Xylene	12.160	106	427299	54.964	ug/L		98
55) Styrene	12.178	104	733935	54.759	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	198026	50.788	ug/L		96
59) Bromoform	12.342	173	99096	50.262	ug/L		94
60) Isopropylbenzene	12.458	105	1187215	54.713	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	147115	50.867	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	885020	56.078	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	952047	57.081	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	484929	52.004	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	485824	49.884	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	438385	52.453	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.476	75	30990	50.273	ug/L		89
69) 1,3,5-Trichlorobenzene	14.623	180	349142	54.532	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	291986	56.269	ug/L		96
71) Naphthalene	15.354	128	510132	57.699	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	230788	52.056	ug/L		96

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

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