Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029166.D
Acq On : 18 Jun 2024 09:06
Operator : SY/MD
Sample : VSTD2.546
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5446

Quant Time: Jun 19 00:52:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 00:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.837	114	231545	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	213977	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	105321	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.356	65	9040	2.821	ug/L		0.00
7) Chloroethane-d5	2.893	69	7722m	2.898	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.015	65	4205	2.717	ug/L		0.00
21) 2-Butanone-d5	7.087	46	4248	4.430	ug/L		0.01
24) Chloroform-d	7.642	84	18090	2.619	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	10087	2.544	ug/L		0.00
32) Benzene-d6	8.270	84	32125	2.472	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	10611	2.568	ug/L		0.00
41) Toluene-d8	10.318	98	26300	2.287	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	3897	2.341	ug/L		0.00
47) 2-Hexanone-d5	10.928	63	2604m	4.071	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	8646	2.629	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	9063	2.479	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.021	85	7194	3.037	ug/L		98
3) Chloromethane	2.216	50	9087	2.821	ug/L		98
5) Vinyl chloride	2.375	62	10875	2.940	ug/L		90
6) Bromomethane	2.783	94	6005	2.701	ug/L		100
8) Chloroethane	2.930	64	6153	2.720	ug/L		98
9) Trichlorofluoromethane	3.265	101	6388	2.213	ug/L	#	61
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	8739m	2.914	ug/L		
12) 1,1-Dichloroethene	4.039	96	6793	2.532	ug/L		83
13) Acetone	4.124	43	4667	5.727	ug/L		98
14) Carbon disulfide	4.387	76	24418	2.788	ug/L		96
15) Methyl Acetate	4.679	43	3771	2.331	ug/L	#	77
16) Methylene chloride	4.923	84	14634	3.594	ug/L		98
17) trans-1,2-Dichloroethene	5.423	96	7462	2.504	ug/L		97
18) Methyl tert-butyl Ether	5.423	73	10320	2.166	ug/L		95
19) 1,1-Dichloroethane	6.209	63	16651	2.588	ug/L		95
20) cis-1,2-Dichloroethene	7.167	96	8034	2.445	ug/L		95
22) 2-Butanone	7.173	43	4986	4.475	ug/L		94
23) Bromochloromethane	7.514	128	3828	2.617	ug/L		98
25) Chloroform	7.673	83	15891	2.529	ug/L		92
27) 1,2-Dichloroethane	8.398	62	12115	2.614	ug/L		98
29) Cyclohexane	7.953	56	10706	2.189	ug/L		97
30) 1,1,1-Trichloroethane	7.868	97	12162	2.556	ug/L		98
31) Carbon tetrachloride	8.063	117	11217	2.581	ug/L		94
33) Benzene	8.319	78	31309	2.435	ug/L		100
34) Trichloroethene	9.087	95	8881	2.589	ug/L		91
35) Methylcyclohexane	9.337	83	12517	2.320	ug/L		98
37) 1,2-Dichloropropane	9.367	63	9000m	2.490	ug/L		
38) Bromodichloromethane	9.642	83	11410	2.583	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	10879	2.130	ug/L		93
40) 4-Methyl-2-pentanone	10.209	43	9693	4.329	ug/L		96
42) Toluene	10.386	91	30146	2.281	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	9264	2.148	ug/L		97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 00:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	6515	2.589	ug/L		98
46) Tetrachloroethene	10.861	164	6307	2.630	ug/L		84
48) 2-Hexanone	10.971	43	6628	4.172	ug/L		96
49) Dibromochloromethane	11.129	129	6148	2.337	ug/L		89
50) 1,2-Dibromoethane	11.233	107	5409	2.395	ug/L	#	95
51) Chlorobenzene	11.654	112	21226	2.473	ug/L		96
52) Ethylbenzene	11.727	91	33118	2.207	ug/L		95
53) m,p-Xylene	11.836	106	12037	2.196	ug/L		90
54) o-Xylene	12.166	106	10486	2.047	ug/L		96
55) Styrene	12.178	104	18455	2.067	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.714	83	7754	2.491	ug/L		99
59) Bromoform	12.342	173	3510	2.432	ug/L		98
60) Isopropylbenzene	12.458	105	29137	2.076	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	5973	2.600	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	18995	1.869	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	20989	1.919	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	14365	2.365	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	16278	2.519	ug/L		85
67) 1,2-Dichlorobenzene	13.867	146	13305	2.370	ug/L		90
68) 1,2-Dibromo-3-chloropr...	14.476	75	1468	2.738	ug/L	#	80
69) 1,3,5-Trichlorobenzene	14.623	180	9900	2.415	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	7374	2.219	ug/L		97
71) Naphthalene	15.360	128	11872	1.810	ug/L	#	95
72) 1,2,3-Trichlorobenzene	15.549	180	6544	2.162	ug/L		96

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

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