Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
Data File : VW028180.D
Acq On : 14 Mar 2024 14:57
Operator : SY/MD
Sample : VSTD10026
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100426

Quant Time: Mar 15 01:25:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	203322	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	261528	109.934	ug/L	0.00
7) Chloroethane-d5	2.899	69	184808	112.386	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	167087	112.465	ug/L	0.00
21) 2-Butanone-d5	7.069	46	170840	249.236	ug/L	0.00
24) Chloroform-d	7.648	84	699524	116.676	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	383439	116.053	ug/L	0.00
32) Benzene-d6	8.276	84	1324092	114.240	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	385126	115.464	ug/L	0.00
41) Toluene-d8	10.325	98	1219329	114.054	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	188525	124.445	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	142347	261.346	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	292044	118.530	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	417667	113.940	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	282460	99.248	ug/L	90
3) Chloromethane	2.223	50	217256	103.854	ug/L	99
5) Vinyl chloride	2.375	62	233894	98.911	ug/L	99
6) Bromomethane	2.789	94	141020	100.137	ug/L	98
8) Chloroethane	2.936	64	126954	99.885	ug/L	100
9) Trichlorofluoromethane	3.271	101	329457	115.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	277031	101.304	ug/L	97
12) 1,1-Dichloroethene	4.045	96	261034	98.815	ug/L	98
13) Acetone	4.119	43	153771	206.839	ug/L	99
14) Carbon disulfide	4.387	76	799532	97.635	ug/L	100
15) Methyl Acetate	4.667	43	116694	98.608	ug/L	100
16) Methylene chloride	4.923	84	262209	84.590	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	276253	99.007	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	421787	100.192	ug/L	100
19) 1,1-Dichloroethane	6.216	63	532832	98.640	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	303126	100.571	ug/L	99
22) 2-Butanone	7.167	43	177646	208.258	ug/L	99
23) Bromochloromethane	7.514	128	130402	97.881	ug/L	95
25) Chloroform	7.673	83	548615	98.653	ug/L	99
27) 1,2-Dichloroethane	8.398	62	380881	97.005	ug/L	97
29) Cyclohexane	7.953	56	490069	98.944	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	492425	98.953	ug/L	98
31) Carbon tetrachloride	8.069	117	453443	97.142	ug/L	98
33) Benzene	8.325	78	1134613	97.126	ug/L	100
34) Trichloroethene	9.093	95	312766	95.965	ug/L	92
35) Methylcyclohexane	9.337	83	533836	96.903	ug/L	99
37) 1,2-Dichloropropane	9.368	63	287740	96.299	ug/L	99
38) Bromodichloromethane	9.642	83	399694	99.216	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	500079	104.505	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	337879	204.860	ug/L	99
42) Toluene	10.386	91	1251583	98.168	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	430677	106.602	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	210222	97.377	ug/L	98
46) Tetrachloroethene	10.861	164	249966	95.147	ug/L	94
48) 2-Hexanone	10.965	43	262551	203.217	ug/L	97
49) Dibromochloromethane	11.123	129	260099	101.730	ug/L	99
50) 1,2-Dibromoethane	11.233	107	207161	100.356	ug/L	99
51) Chlorobenzene	11.654	112	782460	96.691	ug/L	98
52) Ethylbenzene	11.727	91	1494618	100.423	ug/L	96
53) m,p-Xylene	11.837	106	556262	99.320	ug/L	97
54) o-Xylene	12.160	106	524234	100.935	ug/L	94
55) Styrene	12.178	104	898998	100.771	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	245160	99.283	ug/L	96
59) Bromoform	12.349	173	158041	104.812	ug/L	98
60) Isopropylbenzene	12.458	105	1495003	99.995	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	180642	94.061	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1014800	101.160	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1230207	101.561	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	634796	95.172	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	637203	95.537	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	547649	95.344	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	43990	97.510	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	443349	95.424	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	380762	96.469	ug/L	99
71) Naphthalene	15.360	128	688682	101.656	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	305610	93.924	ug/L	99

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

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