Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
Data File : VW031228.D
Acq On : 13 Dec 2024 10:15
Operator : SY/MD
Sample : VSTD02548
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025448

Quant Time: Dec 14 00:08:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:07:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	743197	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	629166	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	299839	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.362	65	275473	24.635	ug/L		0.00
7) Chloroethane-d5	2.899	69	194625	23.663	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	128284	24.185	ug/L		0.00
21) 2-Butanone-d5	7.099	46	103313	49.034	ug/L		0.00
24) Chloroform-d	7.648	84	485772	23.856	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.306	65	244344	23.893	ug/L		0.00
32) Benzene-d6	8.276	84	974950	24.177	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	279770	23.804	ug/L		0.00
41) Toluene-d8	10.318	98	898812	23.959	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.574	79	132508	24.452	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	82644	52.288	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	184554	25.010	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	263113	23.637	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	188620	28.082	ug/L		100
3) Chloromethane	2.222	50	188096	24.928	ug/L		100
5) Vinyl chloride	2.368	62	278945	26.675	ug/L		100
6) Bromomethane	2.789	94	168399	26.194	ug/L		100
8) Chloroethane	2.935	64	162619	26.149	ug/L		100
9) Trichlorofluoromethane	3.265	101	291784	26.192	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	242326	26.909	ug/L		100
12) 1,1-Dichloroethene	4.039	96	236846	25.996	ug/L		100
13) Acetone	4.179	43	150116	49.355	ug/L	#	100
14) Carbon disulfide	4.386	76	777632	26.171	ug/L		100
15) Methyl Acetate	4.691	43	85112	25.912	ug/L		100
16) Methylene chloride	4.923	84	234293	25.034	ug/L		100
17) trans-1,2-Dichloroethene	5.429	96	256454	26.113	ug/L		100
18) Methyl tert-butyl Ether	5.429	73	430203	26.203	ug/L		100
19) 1,1-Dichloroethane	6.215	63	471489	25.691	ug/L		100
20) cis-1,2-Dichloroethene	7.172	96	269576	25.370	ug/L		100
22) 2-Butanone	7.191	43	187645	53.850	ug/L		100
23) Bromochloromethane	7.514	128	107891	25.460	ug/L		100
25) Chloroform	7.678	83	462910	25.558	ug/L		100
27) 1,2-Dichloroethane	8.398	62	298115	26.180	ug/L		100
29) Cyclohexane	7.953	56	456701	26.766	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	424584	26.109	ug/L		100
31) Carbon tetrachloride	8.069	117	385567	26.613	ug/L		100
33) Benzene	8.325	78	1016961	26.156	ug/L		100
34) Trichloroethene	9.093	95	282616	25.746	ug/L		100
35) Methylcyclohexane	9.337	83	505618	26.449	ug/L		100
37) 1,2-Dichloropropane	9.367	63	252163	25.998	ug/L		100
38) Bromodichloromethane	9.642	83	331958	26.326	ug/L		100
39) cis-1,3-Dichloropropene	10.068	75	431746	26.341	ug/L		100
40) 4-Methyl-2-pentanone	10.208	43	275910	53.616	ug/L		100
42) Toluene	10.385	91	1099023	25.962	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	355929	26.595	ug/L		100

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Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:07:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	169859	26.330	ug/L	100
46) Tetrachloroethene	10.861	164	212710	26.455	ug/L	100
48) 2-Hexanone	10.964	43	261320	59.708	ug/L	100
49) Dibromochloromethane	11.129	129	204985	26.804	ug/L	100
50) 1,2-Dibromoethane	11.233	107	163985	26.832	ug/L	100
51) Chlorobenzene	11.653	112	690879	26.030	ug/L	100
52) Ethylbenzene	11.727	91	1292917	26.353	ug/L	100
53) m,p-Xylene	11.836	106	482348	25.826	ug/L	100
54) o-Xylene	12.165	106	461784	26.234	ug/L	100
55) Styrene	12.178	104	781770	26.700	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	184950	26.583	ug/L	100
59) Bromoform	12.348	173	115570	27.437	ug/L	100
60) Isopropylbenzene	12.458	105	1292587	26.343	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	138465	26.987	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1088514	26.166	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1076440	26.772	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	527641	26.541	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	510923	25.939	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	440128	25.695	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	34592	26.568	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	375375	26.960	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	304255	26.270	ug/L	100
71) Naphthalene	15.354	128	553453	27.256	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	250829	26.880	ug/L	100

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

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