Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101624\
Data File : VW030612.D
Acq On : 16 Oct 2024 14:49
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Quant Time: Oct 17 01:44:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 16 01:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	247850	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	235289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	81835	21.006	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.040%			
7) Chloroethane-d5	2.899	69	74860	25.385	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.560%			
11) 1,1-Dichloroethene-d2	4.021	65	30570	18.866	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.480%			
21) 2-Butanone-d5	7.075	46	36520	52.089	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.180%			
24) Chloroform-d	7.648	84	187891	26.508	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.040%			
26) 1,2-Dichloroethane-d4	8.301	65	94723	25.700	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	8.270	84	328883	24.083	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.320%			
36) 1,2-Dichloropropane-d6	9.270	67	101530	25.331	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.320%			
41) Toluene-d8	10.319	98	297836	23.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.560%			
43) trans-1,3-Dichloroprop...	10.575	79	38891	23.172	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.680%			
47) 2-Hexanone-d5	10.922	63	28627	55.451	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.900%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81667	27.744	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.960%			
66) 1,2-Dichlorobenzene-d4	13.848	152	98118	23.824	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	71814	22.678	ug/L	94
3) Chloromethane	2.222	50	94216	25.599	ug/L	97
5) Vinyl chloride	2.375	62	118104	26.094	ug/L	96
6) Bromomethane	2.789	94	80631	27.066	ug/L	94
8) Chloroethane	2.936	64	77928	28.165	ug/L	100
9) Trichlorofluoromethane	3.259	101	88321	21.809	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	90259	24.772	ug/L #	67
12) 1,1-Dichloroethene	4.039	96	79708	23.970	ug/L	94
13) Acetone	4.118	43	38355	37.367	ug/L	95
14) Carbon disulfide	4.387	76	246913	22.738	ug/L	99
15) Methyl Acetate	4.667	43	33434	26.369	ug/L	99
16) Methylene chloride	4.917	84	92696	24.739	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	91981	25.634	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	122273	24.348	ug/L	99
19) 1,1-Dichloroethane	6.216	63	182959	27.435	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	100537	26.269	ug/L	96
22) 2-Butanone	7.167	43	48832	44.135	ug/L	99
23) Bromochloromethane	7.514	128	43199	25.801	ug/L	89
25) Chloroform	7.673	83	195374	27.414	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125485	26.690	ug/L		100
29) Cyclohexane	7.953	56	136561	23.843	ug/L		97
30) 1,1,1-Trichloroethane	7.868	97	155519	24.899	ug/L		98
31) Carbon tetrachloride	8.069	117	139853	25.070	ug/L		99
33) Benzene	8.319	78	408903	26.706	ug/L		100
34) Trichloroethene	9.087	95	107102	25.143	ug/L		98
35) Methylcyclohexane	9.337	83	159528	23.796	ug/L		99
37) 1,2-Dichloropropane	9.367	63	105513	27.591	ug/L		100
38) Bromodichloromethane	9.642	83	135851	26.701	ug/L		97
39) cis-1,3-Dichloropropene	10.069	75	151317	26.233	ug/L		97
40) 4-Methyl-2-pentanone	10.203	43	97656	53.156	ug/L		99
42) Toluene	10.386	91	444222	27.194	ug/L		96
44) trans-1,3-Dichloropropene	10.599	75	124444	25.674	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	72392	26.193	ug/L		96
46) Tetrachloroethene	10.861	164	78580	25.011	ug/L		96
48) 2-Hexanone	10.965	43	74298	49.454	ug/L		97
49) Dibromochloromethane	11.123	129	81551	26.445	ug/L		91
50) 1,2-Dibromoethane	11.233	107	65071	25.232	ug/L	#	97
51) Chlorobenzene	11.654	112	266500	25.344	ug/L		96
52) Ethylbenzene	11.727	91	494767	26.544	ug/L		99
53) m,p-Xylene	11.837	106	188094	26.936	ug/L		99
54) o-Xylene	12.166	106	172142	26.664	ug/L		87
55) Styrene	12.178	104	304655	27.604	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.708	83	84669	27.166	ug/L		96
59) Bromoform	12.349	173	43184	25.252	ug/L		98
60) Isopropylbenzene	12.458	105	486856	25.828	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	59721	25.214	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	392243	26.376	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	385073	26.447	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	206733	25.196	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	210387	24.833	ug/L		86
67) 1,2-Dichlorobenzene	13.867	146	182784	25.317	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12402	23.483	ug/L		91
69) 1,3,5-Trichlorobenzene	14.623	180	126460	23.373	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	103711	23.811	ug/L		99
71) Naphthalene	15.360	128	187420	24.906	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	90444	23.952	ug/L		97

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

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