Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041524\
Data File : VW028436.D
Acq On : 15 Apr 2024 09:47
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Quant Time: Apr 15 22:24:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 12 23:09:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	313683	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147122	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105081	20.896	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.600%			
7) Chloroethane-d5	2.899	69	85281	22.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.480%			
11) 1,1-Dichloroethene-d2	4.021	65	46424	21.800	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.200%			
21) 2-Butanone-d5	7.075	46	57103	60.681	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.360%			
24) Chloroform-d	7.648	84	208692	25.496	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	8.307	65	116105	27.295	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.160%			
32) Benzene-d6	8.276	84	393639	24.708	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.840%			
36) 1,2-Dichloropropane-d6	9.270	67	120935	25.537	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.160%			
41) Toluene-d8	10.319	98	362752	25.040	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.160%			
43) trans-1,3-Dichloroprop...	10.575	79	49872	26.485	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.960%			
47) 2-Hexanone-d5	10.922	63	39814	60.694	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.380%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96722	28.948	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	121221	26.054	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	107548	25.492	ug/L	97
3) Chloromethane	2.222	50	120383	24.303	ug/L	99
5) Vinyl chloride	2.375	62	139299	23.614	ug/L	99
6) Bromomethane	2.789	94	85000	23.063	ug/L	99
8) Chloroethane	2.936	64	85588	24.068	ug/L	99
9) Trichlorofluoromethane	3.271	101	114952	24.427	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	110750	25.015	ug/L	99
12) 1,1-Dichloroethene	4.045	96	100964	24.288	ug/L	91
13) Acetone	4.118	43	70521	61.033	ug/L	98
14) Carbon disulfide	4.393	76	318449	23.268	ug/L	100
15) Methyl Acetate	4.679	43	51774	27.848	ug/L	100
16) Methylene chloride	4.923	84	103673	21.842	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	111166	25.387	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	168744	27.395	ug/L	99
19) 1,1-Dichloroethane	6.216	63	218800	25.646	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	119361	25.683	ug/L	95
22) 2-Butanone	7.173	43	81639	58.221	ug/L	99
23) Bromochloromethane	7.514	128	52225	26.089	ug/L	93
25) Chloroform	7.673	83	219147	26.149	ug/L	92

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Quant Title : SFAM01.0
QLast Update : Fri Apr 12 23:09:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	154895	26.778	ug/L	99
29) Cyclohexane	7.959	56	198560	25.776	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	177255	25.061	ug/L	99
31) Carbon tetrachloride	8.069	117	161508	25.751	ug/L	99
33) Benzene	8.325	78	463104	25.398	ug/L	100
34) Trichloroethene	9.093	95	122419	24.774	ug/L	99
35) Methylcyclohexane	9.331	83	210527	24.967	ug/L	99
37) 1,2-Dichloropropane	9.368	63	120727	25.403	ug/L	99
38) Bromodichloromethane	9.642	83	153470	26.053	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	186614	26.777	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	148940	62.605	ug/L	99
42) Toluene	10.386	91	494086	25.578	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	158016	28.027	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	86131	26.789	ug/L	98
46) Tetrachloroethene	10.861	164	87581	23.728	ug/L	82
48) 2-Hexanone	10.965	43	116251	61.560	ug/L	98
49) Dibromochloromethane	11.123	129	89793	26.129	ug/L	98
50) 1,2-Dibromoethane	11.233	107	80559	27.452	ug/L	99
51) Chlorobenzene	11.654	112	304071	25.324	ug/L	98
52) Ethylbenzene	11.727	91	573031	26.169	ug/L	99
53) m,p-Xylene	11.837	106	208910	25.655	ug/L	94
54) o-Xylene	12.160	106	201500	26.576	ug/L	99
55) Styrene	12.178	104	342153	26.514	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	100159	27.527	ug/L	98
59) Bromoform	12.343	173	52500	27.034	ug/L	96
60) Isopropylbenzene	12.458	105	560448	25.410	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	74527	27.707	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	370248	26.337	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	451431	26.683	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	242794	25.943	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	238419	25.044	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	209862	25.493	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	16731	27.145	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	158733	24.648	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	135319	26.907	ug/L	92
71) Naphthalene	15.354	128	269111	30.236	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	118401	26.532	ug/L	96

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

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