Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
Data File : VW029744.D
Acq On : 26 Jul 2024 11:45
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

Quant Time: Jul 27 00:50:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 25 01:35:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	197176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	186103	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	89712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	66125	23.622	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.480%			
7) Chloroethane-d5	2.893	69	49279	24.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.640%			
11) 1,1-Dichloroethene-d2	4.015	65	31470	24.628	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.520%			
21) 2-Butanone-d5	7.081	46	33816	44.075	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.160%			
24) Chloroform-d	7.648	84	134444	26.340	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.360%			
26) 1,2-Dichloroethane-d4	8.301	65	75377	25.927	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.720%			
32) Benzene-d6	8.270	84	258834	25.741	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.960%			
36) 1,2-Dichloropropane-d6	9.270	67	83258	25.931	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.720%			
41) Toluene-d8	10.319	98	238738	26.702	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.800%			
43) trans-1,3-Dichloroprop...	10.575	79	32153	24.748	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.000%			
47) 2-Hexanone-d5	10.922	63	21921	41.405	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.800%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58334	24.468	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	70032	25.141	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	78371	29.487	ug/L	96
3) Chloromethane	2.216	50	87350	26.560	ug/L	99
5) Vinyl chloride	2.369	62	101567	27.561	ug/L	98
6) Bromomethane	2.789	94	55507	27.431	ug/L	100
8) Chloroethane	2.936	64	59274	28.275	ug/L	97
9) Trichlorofluoromethane	3.265	101	87514	29.731	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	77534	26.447	ug/L	98
12) 1,1-Dichloroethene	4.045	96	71979	26.721	ug/L	90
13) Acetone	4.118	43	56271	59.017	ug/L	99
14) Carbon disulfide	4.387	76	253131	28.238	ug/L	98
15) Methyl Acetate	4.667	43	37437	23.573	ug/L	99
16) Methylene chloride	4.911	84	89513	21.716	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	77556	26.718	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	119866	25.055	ug/L	97
19) 1,1-Dichloroethane	6.216	63	161794	26.428	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	82183	26.101	ug/L	99
22) 2-Butanone	7.167	43	60010	49.120	ug/L	99
23) Bromochloromethane	7.514	128	34933	26.133	ug/L	91
25) Chloroform	7.673	83	155483	26.956	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109781	26.116	ug/L	99
29) Cyclohexane	7.953	56	147744	27.936	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	127503	27.055	ug/L	98
31) Carbon tetrachloride	8.069	117	114185	26.889	ug/L	98
33) Benzene	8.319	78	335717	26.328	ug/L	100
34) Trichloroethene	9.087	95	87983	26.321	ug/L	93
35) Methylcyclohexane	9.331	83	156835	28.157	ug/L	99
37) 1,2-Dichloropropane	9.368	63	92293	26.412	ug/L	100
38) Bromodichloromethane	9.642	83	106410	25.572	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	130681	25.679	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	103134	46.466	ug/L	100
42) Toluene	10.386	91	353071	27.127	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	108266	25.627	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	58486	24.914	ug/L	95
46) Tetrachloroethene	10.861	164	64183	26.417	ug/L	93
48) 2-Hexanone	10.965	43	82677	49.735	ug/L	98
49) Dibromochloromethane	11.129	129	62536	25.661	ug/L	96
50) 1,2-Dibromoethane	11.233	107	53943	24.835	ug/L	93
51) Chlorobenzene	11.654	112	211204	26.087	ug/L	99
52) Ethylbenzene	11.727	91	402264	27.399	ug/L	98
53) m,p-Xylene	11.837	106	147015	27.227	ug/L	96
54) o-Xylene	12.166	106	137119	27.576	ug/L	99
55) Styrene	12.178	104	237645	27.572	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	68258	23.690	ug/L	98
59) Bromoform	12.349	173	33066	24.495	ug/L	97
60) Isopropylbenzene	12.458	105	386973	27.876	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51463	23.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	308130	29.862	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	310856	28.169	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	155995	26.338	ug/L	99
65) 1,4-Dichlorobenzene	13.568	146	150260	24.698	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	137180	25.440	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	10826	21.852	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	107572	26.545	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	84505	24.752	ug/L	92
71) Naphthalene	15.360	128	151668	23.283	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74744	24.189	ug/L	97

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

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