Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
Data File : VW029719.D
Acq On : 24 Jul 2024 18:16
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV463

Quant Time: Jul 25 01:44:05 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	8.843	114	250054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113873	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81811	23.046	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.200%			
7) Chloroethane-d5	2.899	69	63710	25.138	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.560%			
11) 1,1-Dichloroethene-d2	4.021	65	39891	24.617	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.480%			
21) 2-Butanone-d5	7.075	46	51213	52.635	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.260%			
24) Chloroform-d	7.648	84	170284	26.307	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.240%			
26) 1,2-Dichloroethane-d4	8.307	65	98585	26.739	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.960%			
32) Benzene-d6	8.270	84	332943	26.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.560%			
36) 1,2-Dichloropropane-d6	9.276	67	105106	26.581	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.320%			
41) Toluene-d8	10.325	98	302113	27.437	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.760%			
43) trans-1,3-Dichloroprop...	10.575	79	43315	27.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.280%			
47) 2-Hexanone-d5	10.922	63	35585	54.578	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.160%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80034	27.259	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.040%			
66) 1,2-Dichlorobenzene-d4	13.855	152	89794	25.395	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	85257	25.294	ug/L	94
3) Chloromethane	2.222	50	111117	26.642	ug/L	99
5) Vinyl chloride	2.375	62	116697	24.971	ug/L	100
6) Bromomethane	2.789	94	65373	25.475	ug/L	100
8) Chloroethane	2.930	64	69230	26.040	ug/L	97
9) Trichlorofluoromethane	3.265	101	94595	25.341	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	87096	23.426	ug/L	97
12) 1,1-Dichloroethene	4.045	96	87447	25.599	ug/L	96
13) Acetone	4.118	43	61178	50.595	ug/L	98
14) Carbon disulfide	4.387	76	295272	25.974	ug/L	99
15) Methyl Acetate	4.673	43	51641	25.641	ug/L	99
16) Methylene chloride	4.923	84	103602	19.819	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	95070	25.826	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	157135	25.900	ug/L	98
19) 1,1-Dichloroethane	6.216	63	195090	25.128	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	99661	24.958	ug/L	93
22) 2-Butanone	7.173	43	76533	49.398	ug/L	99
23) Bromochloromethane	7.514	128	41948	24.745	ug/L	93
25) Chloroform	7.673	83	181295	24.785	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132415	24.839	ug/L		99
29) Cyclohexane	7.953	56	169143	25.969	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	147996	25.499	ug/L		98
31) Carbon tetrachloride	8.069	117	132643	25.363	ug/L		97
33) Benzene	8.325	78	405581	25.827	ug/L		100
34) Trichloroethene	9.093	95	106455	25.860	ug/L		88
35) Methylcyclohexane	9.331	83	178669	26.047	ug/L		98
37) 1,2-Dichloropropane	9.367	63	109188	25.373	ug/L		100
38) Bromodichloromethane	9.642	83	130533	25.472	ug/L		91
39) cis-1,3-Dichloropropene	10.069	75	165591	26.422	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	145217	53.126	ug/L		100
42) Toluene	10.386	91	412033	25.705	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	135643	26.072	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	72102	24.940	ug/L		97
46) Tetrachloroethene	10.861	164	72887	24.360	ug/L		97
48) 2-Hexanone	10.965	43	107733	52.624	ug/L		100
49) Dibromochloromethane	11.123	129	79121	26.363	ug/L		97
50) 1,2-Dibromoethane	11.233	107	68818	25.727	ug/L	#	96
51) Chlorobenzene	11.654	112	255486	25.624	ug/L		98
52) Ethylbenzene	11.727	91	483331	26.731	ug/L		97
53) m,p-Xylene	11.837	106	176126	26.486	ug/L		99
54) o-Xylene	12.166	106	164555	26.872	ug/L		98
55) Styrene	12.178	104	281662	26.536	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.708	83	90287	25.445	ug/L		97
59) Bromoform	12.349	173	43572	25.429	ug/L		99
60) Isopropylbenzene	12.458	105	458308	26.009	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	68656	24.790	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	377927	28.855	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	368662	26.319	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	185491	24.673	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	185746	24.052	ug/L		92
67) 1,2-Dichlorobenzene	13.867	146	167509	24.473	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15073	23.969	ug/L		96
69) 1,3,5-Trichlorobenzene	14.623	180	128541	24.990	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	106519	24.581	ug/L		93
71) Naphthalene	15.360	128	211280	25.552	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	93667	23.881	ug/L		96

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

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