Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020924\
Data File : VW027977.D
Acq On : 09 Feb 2024 10:08
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: Feb 09 22:25:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 06 23:51:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	289176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259998	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	138806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80464	23.757	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.040%			
7) Chloroethane-d5	2.899	69	68614	26.709	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.840%			
11) 1,1-Dichloroethene-d2	4.021	65	33743	23.284	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.120%			
21) 2-Butanone-d5	7.087	46	35039	66.582	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.160%			
24) Chloroform-d	7.648	84	171401	25.349	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	8.301	65	81743	26.768	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.080%			
32) Benzene-d6	8.276	84	345347	24.826	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.320%			
36) 1,2-Dichloropropane-d6	9.270	67	94157	24.964	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.840%			
41) Toluene-d8	10.319	98	331986	24.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.760%			
43) trans-1,3-Dichloroprop...	10.575	79	41403	26.693	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.760%			
47) 2-Hexanone-d5	10.922	63	33759	65.804	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.600%			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	84299	29.904	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.600%			
66) 1,2-Dichlorobenzene-d4	13.855	152	116734	24.743	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	53769	21.592	ug/L	98
3) Chloromethane	2.223	50	57939	21.186	ug/L	96
5) Vinyl chloride	2.375	62	78485	21.174	ug/L	100
6) Bromomethane	2.796	94	58032	22.157	ug/L	96
8) Chloroethane	2.936	64	51018	24.360	ug/L	94
9) Trichlorofluoromethane	3.271	101	73816	21.912	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	75774	22.316	ug/L	98
12) 1,1-Dichloroethene	4.045	96	70980	22.471	ug/L	99
13) Acetone	4.143	43	31067	60.710	ug/L	95
14) Carbon disulfide	4.393	76	191702	20.499	ug/L	99
15) Methyl Acetate	4.679	43	23096	27.111	ug/L	96
16) Methylene chloride	4.923	84	74909	20.725	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	74899	22.070	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	102405	25.453	ug/L	99
19) 1,1-Dichloroethane	6.222	63	126776	22.995	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	83277	23.238	ug/L	98
22) 2-Butanone	7.179	43	35181	59.558	ug/L	94
23) Bromochloromethane	7.514	128	39494	24.810	ug/L	84
25) Chloroform	7.673	83	140574	23.718	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82682	25.051	ug/L		97
29) Cyclohexane	7.959	56	103738	22.386	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	117707	23.452	ug/L		99
31) Carbon tetrachloride	8.069	117	105702	22.765	ug/L		99
33) Benzene	8.325	78	301471	23.215	ug/L		100
34) Trichloroethene	9.087	95	83560	22.415	ug/L		96
35) Methylcyclohexane	9.331	83	137604	22.431	ug/L		99
37) 1,2-Dichloropropane	9.368	63	72162	23.648	ug/L		100
38) Bromodichloromethane	9.642	83	98601	24.207	ug/L		100
39) cis-1,3-Dichloropropene	10.069	75	119465	24.425	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	68115	59.140	ug/L		99
42) Toluene	10.386	91	338552	23.252	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	98713	25.428	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	61745	25.563	ug/L		96
46) Tetrachloroethene	10.861	164	71908	22.924	ug/L		95
48) 2-Hexanone	10.965	43	52899	60.638	ug/L		99
49) Dibromochloromethane	11.129	129	69415	25.208	ug/L		96
50) 1,2-Dibromoethane	11.233	107	56963	25.266	ug/L		88
51) Chlorobenzene	11.654	112	226182	23.356	ug/L		97
52) Ethylbenzene	11.727	91	388816	23.685	ug/L		99
53) m,p-Xylene	11.837	106	153061	23.775	ug/L		97
54) o-Xylene	12.160	106	142544	23.608	ug/L		98
55) Styrene	12.178	104	240807	23.944	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	70422	27.227	ug/L		96
59) Bromoform	12.349	173	42122	25.710	ug/L	#	99
60) Isopropylbenzene	12.458	105	396061	22.852	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	49065	26.486	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	322323	23.240	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	326139	24.031	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	185373	23.283	ug/L		99
65) 1,4-Dichlorobenzene	13.574	146	185933	22.969	ug/L		94
67) 1,2-Dichlorobenzene	13.861	146	165143	23.484	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10423	28.340	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	129795	22.703	ug/L		98
70) 1,2,4-trichlorobenzene	15.123	180	105051	22.755	ug/L		99
71) Naphthalene	15.360	128	203054	28.304	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	95573	24.813	ug/L		99

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

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