Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
Data File : VW027251.D
Acq On : 06 Oct 2023 09:40
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

Quant Time: Oct 07 00:19:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:49:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	787838	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	782570	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	435605	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	266512	21.531	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.120%			
7) Chloroethane-d5	2.899	69	215300	22.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.040%			
11) 1,1-Dichloroethene-d2	4.021	65	104954	20.408	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.640%			
21) 2-Butanone-d5	7.075	46	130834	51.129	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.260%			
24) Chloroform-d	7.648	84	499771	21.675	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.680%			
26) 1,2-Dichloroethane-d4	8.307	65	241955	21.896	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.600%			
32) Benzene-d6	8.276	84	1007553	21.008	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.040%			
36) 1,2-Dichloropropane-d6	9.276	67	310647	21.635	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.520%			
41) Toluene-d8	10.325	98	892140	21.080	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.320%			
43) trans-1,3-Dichloroprop...	10.575	79	120091	21.312	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.240%			
47) 2-Hexanone-d5	10.922	63	114787	52.260	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272792	24.825	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	307000	21.020	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	248282	24.253	ug/L	96
3) Chloromethane	2.229	50	374827	27.126	ug/L	96
5) Vinyl chloride	2.381	62	414633	27.483	ug/L	100
6) Bromomethane	2.789	94	253157	25.470	ug/L	93
8) Chloroethane	2.936	64	252216	27.545	ug/L	96
9) Trichlorofluoromethane	3.265	101	277674	21.899	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	335486	26.297	ug/L	94
12) 1,1-Dichloroethene	4.045	96	307303	25.213	ug/L	97
13) Acetone	4.119	43	217772	68.870	ug/L	98
14) Carbon disulfide	4.393	76	966919	23.636	ug/L	99
15) Methyl Acetate	4.667	43	145168	27.391	ug/L	97
16) Methylene chloride	4.917	84	368503	23.894	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	327742	24.992	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	427105	26.025	ug/L	99
19) 1,1-Dichloroethane	6.216	63	629947	25.758	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	352309	25.202	ug/L	96
22) 2-Butanone	7.167	43	248269	63.484	ug/L	97
23) Bromochloromethane	7.514	128	159029	24.931	ug/L	98
25) Chloroform	7.679	83	614789	25.774	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	379972	26.004	ug/L	99
29) Cyclohexane	7.959	56	531103	25.509	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	482533	24.804	ug/L	97
31) Carbon tetrachloride	8.069	117	440691	23.984	ug/L	99
33) Benzene	8.325	78	1397263	25.262	ug/L	100
34) Trichloroethene	9.093	95	353304	24.460	ug/L	95
35) Methylcyclohexane	9.337	83	619596	25.504	ug/L	98
37) 1,2-Dichloropropane	9.368	63	373025	26.174	ug/L	99
38) Bromodichloromethane	9.642	83	435394	25.436	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	541308	25.777	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	418230	60.489	ug/L	99
42) Toluene	10.386	91	1470048	25.880	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	460661	26.766	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	279303	27.081	ug/L	98
46) Tetrachloroethene	10.861	164	279996	24.660	ug/L	96
48) 2-Hexanone	10.965	43	352016	64.942	ug/L	99
49) Dibromochloromethane	11.123	129	286491	25.613	ug/L	97
50) 1,2-Dibromoethane	11.233	107	254020	26.542	ug/L	96
51) Chlorobenzene	11.654	112	954683	25.327	ug/L	97
52) Ethylbenzene	11.727	91	1652138	25.890	ug/L	96
53) m,p-Xylene	11.837	106	634342	25.925	ug/L	93
54) o-Xylene	12.166	106	591592	25.882	ug/L	92
55) Styrene	12.178	104	1067964	27.143	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	343923	27.801	ug/L	99
59) Bromoform	12.349	173	171407	24.919	ug/L	99
60) Isopropylbenzene	12.465	105	1613657	25.157	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	239273	26.830	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	1337929	26.604	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	1295770	26.292	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	710980	24.016	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	747773	25.141	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	671831	25.890	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	49777	26.057	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	496089	26.023	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	399322	26.551	ug/L	96
71) Naphthalene	15.360	128	734276	27.670	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	352916	26.434	ug/L	93

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

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