Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052424\
Data File : VW028748.D
Acq On : 24 May 2024 21:00
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Quant Time: May 25 00:07:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 25 00:01:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	304255	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290290	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	121945	21.106	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.440%			
7) Chloroethane-d5	2.899	69	96627	21.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.360%			
11) 1,1-Dichloroethene-d2	4.027	65	51302	21.253	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.000%			
21) 2-Butanone-d5	7.075	46	66754	44.286	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.580%			
24) Chloroform-d	7.648	84	239819	25.226	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.920%			
26) 1,2-Dichloroethane-d4	8.307	65	136937	25.159	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.640%			
32) Benzene-d6	8.270	84	479148	24.739	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.960%			
36) 1,2-Dichloropropane-d6	9.276	67	147723	25.347	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.400%			
41) Toluene-d8	10.319	98	433812	25.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.160%			
43) trans-1,3-Dichloroprop...	10.575	79	57882	24.688	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.760%			
47) 2-Hexanone-d5	10.922	63	48441	48.191	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.380%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117271	23.996	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.000%			
66) 1,2-Dichlorobenzene-d4	13.849	152	138809	24.767	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	80413	18.187	ug/L	92
3) Chloromethane	2.223	50	110583	20.188	ug/L	98
5) Vinyl chloride	2.375	62	126534	20.518	ug/L	98
6) Bromomethane	2.790	94	74685	20.935	ug/L	100
8) Chloroethane	2.936	64	76300	21.695	ug/L	97
9) Trichlorofluoromethane	3.265	101	92791	18.327	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100957	21.628	ug/L	95
12) 1,1-Dichloroethene	4.052	96	95908	22.904	ug/L	89
13) Acetone	4.119	43	50832	37.069	ug/L	97
14) Carbon disulfide	4.393	76	283294	20.018	ug/L	98
15) Methyl Acetate	4.673	43	57726	24.197	ug/L	97
16) Methylene chloride	4.923	84	127967	27.195	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	106446	24.417	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	166053	25.811	ug/L	98
19) 1,1-Dichloroethane	6.216	63	219082	25.343	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	120083	26.320	ug/L	93
22) 2-Butanone	7.167	43	73386	41.695	ug/L	97
23) Bromochloromethane	7.514	128	53416	26.840	ug/L	95
25) Chloroform	7.673	83	217514	26.014	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	154538	25.425	ug/L	99
29) Cyclohexane	7.959	56	169666	20.499	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	164166	22.568	ug/L	98
31) Carbon tetrachloride	8.075	117	146334	22.063	ug/L	100
33) Benzene	8.325	78	465989	24.755	ug/L	100
34) Trichloroethene	9.093	95	119811	23.739	ug/L	95
35) Methylcyclohexane	9.337	83	183814	20.841	ug/L	99
37) 1,2-Dichloropropane	9.368	63	126224	25.733	ug/L	99
38) Bromodichloromethane	9.642	83	156578	26.187	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	186801	26.570	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	163169	48.877	ug/L	99
42) Toluene	10.386	91	489080	25.155	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151217	25.510	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	92292	25.974	ug/L	96
46) Tetrachloroethene	10.861	164	85010	23.379	ug/L	95
48) 2-Hexanone	10.965	43	114378	48.530	ug/L	99
49) Dibromochloromethane	11.123	129	95928	26.915	ug/L	95
50) 1,2-Dibromoethane	11.233	107	84477	25.380	ug/L	96
51) Chlorobenzene	11.654	112	319168	26.539	ug/L	96
52) Ethylbenzene	11.727	91	550215	25.007	ug/L	95
53) m,p-Xylene	11.837	106	212556	26.355	ug/L	93
54) o-Xylene	12.166	106	199653	26.758	ug/L	91
55) Styrene	12.178	104	350284	27.706	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	113104	25.371	ug/L	98
59) Bromoform	12.349	173	55222	25.740	ug/L	98
60) Isopropylbenzene	12.459	105	537850	24.108	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	83849	23.594	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	409305	25.931	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	436555	25.669	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	235529	25.378	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	239382	25.229	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	227014	27.329	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	17520	21.085	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	160648	25.795	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	129551	25.745	ug/L	98
71) Naphthalene	15.360	128	268675	25.060	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	123390	27.174	ug/L	99

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

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