Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042324\
Data File : VW028512.D
Acq On : 23 Apr 2024 09:25
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

Quant Time: Apr 24 01:17:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 23 02:42:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	331111	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145223	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	95391	17.970	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.880%			
7) Chloroethane-d5	2.899	69	81137	20.167	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.680%			
11) 1,1-Dichloroethene-d2	4.027	65	44537	19.813	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.240%			
21) 2-Butanone-d5	7.081	46	48297	48.622	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.240%			
24) Chloroform-d	7.648	84	204111	23.624	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.480%			
26) 1,2-Dichloroethane-d4	8.307	65	107371	23.913	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.640%			
32) Benzene-d6	8.276	84	383920	23.699	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	9.276	67	114262	23.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.920%			
41) Toluene-d8	10.319	98	344058	23.356	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.440%			
43) trans-1,3-Dichloroprop...	10.575	79	45353	23.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.760%			
47) 2-Hexanone-d5	10.922	63	33195	49.767	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87127	25.645	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	108006	23.517	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	86515	19.427	ug/L	99
3) Chloromethane	2.222	50	115064	22.007	ug/L	99
5) Vinyl chloride	2.375	62	140942	22.635	ug/L	98
6) Bromomethane	2.789	94	85056	21.863	ug/L	97
8) Chloroethane	2.936	64	85294	22.723	ug/L	97
9) Trichlorofluoromethane	3.271	101	116780	23.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	109575	23.447	ug/L	97
12) 1,1-Dichloroethene	4.045	96	105280	23.993	ug/L	87
13) Acetone	4.131	43	56249	46.119	ug/L	100
14) Carbon disulfide	4.387	76	321533	22.257	ug/L	98
15) Methyl Acetate	4.673	43	43211	22.019	ug/L	99
16) Methylene chloride	4.923	84	111376	22.230	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	109837	23.763	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	152991	23.530	ug/L	98
19) 1,1-Dichloroethane	6.216	63	221506	24.596	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	119566	24.373	ug/L	97
22) 2-Butanone	7.173	43	64464	43.553	ug/L	99
23) Bromochloromethane	7.514	128	49296	23.329	ug/L	87
25) Chloroform	7.679	83	219549	24.818	ug/L	96

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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	147517	24.160	ug/L		99
29) Cyclohexane	7.953	56	198920	25.395	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	180541	25.103	ug/L		99
31) Carbon tetrachloride	8.069	117	166251	26.068	ug/L		97
33) Benzene	8.325	78	469709	25.334	ug/L		100
34) Trichloroethene	9.093	95	123917	24.662	ug/L		98
35) Methylcyclohexane	9.337	83	216590	25.261	ug/L		99
37) 1,2-Dichloropropane	9.367	63	120959	25.031	ug/L		100
38) Bromodichloromethane	9.642	83	150234	25.082	ug/L		97
39) cis-1,3-Dichloropropene	10.069	75	179820	25.375	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	123189	50.924	ug/L		100
42) Toluene	10.386	91	502662	25.591	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	143627	25.054	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	80546	24.637	ug/L		96
46) Tetrachloroethene	10.861	164	95314	25.396	ug/L		94
48) 2-Hexanone	10.965	43	94466	49.196	ug/L		99
49) Dibromochloromethane	11.123	129	90681	25.951	ug/L		98
50) 1,2-Dibromoethane	11.233	107	73740	24.712	ug/L	#	94
51) Chlorobenzene	11.654	112	298951	24.486	ug/L		99
52) Ethylbenzene	11.727	91	570249	25.611	ug/L		100
53) m,p-Xylene	11.837	106	211919	25.594	ug/L		89
54) o-Xylene	12.160	106	196375	25.471	ug/L		97
55) Styrene	12.178	104	340902	25.980	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	89523	24.196	ug/L		98
59) Bromoform	12.349	173	45060	23.506	ug/L		98
60) Isopropylbenzene	12.458	105	574611	26.393	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	67300	25.348	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	365855	26.365	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	438734	26.272	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	236217	25.570	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	236675	25.186	ug/L		95
67) 1,2-Dichlorobenzene	13.861	146	199623	24.566	ug/L		90
68) 1,2-Dibromo-3-chloropr...	14.476	75	13897	22.841	ug/L		93
69) 1,3,5-Trichlorobenzene	14.623	180	160557	25.257	ug/L		97
70) 1,2,4-trichlorobenzene	15.123	180	123686	24.916	ug/L		93
71) Naphthalene	15.354	128	218872	24.913	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	108652	24.665	ug/L		98

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

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