Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111324\
Data File : VW031005.D
Acq On : 13 Nov 2024 10:50
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

Quant Time: Nov 14 00:24:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 13 00:25:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	385765	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	350707	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	174215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	110100	17.402	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.600%			
7) Chloroethane-d5	2.899	69	95213	19.622	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.480%			
11) 1,1-Dichloroethene-d2	4.021	65	55245	21.161	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.640%			
21) 2-Butanone-d5	7.075	46	48152	46.247	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.500%			
24) Chloroform-d	7.642	84	282427	24.834	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.320%			
26) 1,2-Dichloroethane-d4	8.307	65	131126	23.190	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.760%			
32) Benzene-d6	8.270	84	553816	25.419	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.680%			
36) 1,2-Dichloropropane-d6	9.270	67	160611	25.006	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.040%			
41) Toluene-d8	10.319	98	505277	25.855	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.400%			
43) trans-1,3-Dichloroprop...	10.575	79	60516	23.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.960%			
47) 2-Hexanone-d5	10.922	63	42817	51.438	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.880%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112357	25.109	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	166090	26.172	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	88556	21.551	ug/L	100
3) Chloromethane	2.222	50	99503	17.971	ug/L	97
5) Vinyl chloride	2.375	62	133259	20.308	ug/L	97
6) Bromomethane	2.796	94	85673	19.884	ug/L	93
8) Chloroethane	2.936	64	82648	20.776	ug/L	96
9) Trichlorofluoromethane	3.271	101	146774	24.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	135372	24.555	ug/L #	75
12) 1,1-Dichloroethene	4.039	96	128929	25.857	ug/L	94
13) Acetone	4.118	43	62952	49.504	ug/L	96
14) Carbon disulfide	4.387	76	367653	22.430	ug/L	99
15) Methyl Acetate	4.667	43	40755	21.850	ug/L	97
16) Methylene chloride	4.917	84	132134	24.228	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	134564	24.600	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	181693	24.609	ug/L	98
19) 1,1-Dichloroethane	6.216	63	253110	24.796	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	145650	25.099	ug/L	99
22) 2-Butanone	7.167	43	65906	46.280	ug/L	100
23) Bromochloromethane	7.514	128	65029	25.588	ug/L	92
25) Chloroform	7.679	83	266787	24.839	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151620	22.667	ug/L	96
29) Cyclohexane	7.959	56	209970	24.983	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	224857	24.960	ug/L	98
31) Carbon tetrachloride	8.063	117	202879	25.062	ug/L	99
33) Benzene	8.325	78	574245	25.404	ug/L	100
34) Trichloroethene	9.093	95	152159	24.411	ug/L	98
35) Methylcyclohexane	9.337	83	252015	25.509	ug/L	96
37) 1,2-Dichloropropane	9.367	63	144621	25.599	ug/L	99
38) Bromodichloromethane	9.642	83	180052	24.269	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	216136	25.575	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	114342	44.257	ug/L	97
42) Toluene	10.386	91	624264	26.079	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	169819	24.188	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	100480	24.779	ug/L	99
46) Tetrachloroethene	10.867	164	124115	26.046	ug/L	92
48) 2-Hexanone	10.965	43	93061	47.345	ug/L	94
49) Dibromochloromethane	11.129	129	111925	25.315	ug/L	96
50) 1,2-Dibromoethane	11.233	107	90507	24.203	ug/L	99
51) Chlorobenzene	11.654	112	386183	25.208	ug/L	95
52) Ethylbenzene	11.727	91	698538	25.827	ug/L	100
53) m,p-Xylene	11.837	106	272538	26.792	ug/L	93
54) o-Xylene	12.166	106	251476	26.867	ug/L	98
55) Styrene	12.178	104	438984	27.449	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	106408	24.045	ug/L	98
59) Bromoform	12.349	173	62336	25.058	ug/L	96
60) Isopropylbenzene	12.458	105	715897	26.939	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72634	22.238	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	554330	26.493	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	561826	27.573	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	305897	26.215	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	311968	26.042	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	259528	24.955	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14383	20.800	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	208936	26.983	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	158749	25.820	ug/L	98
71) Naphthalene	15.360	128	232739	23.350	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	135813	25.631	ug/L	97

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

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