Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
Data File : VW029117.D
Acq On : 12 Jun 2024 19:14
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

Quant Time: Jun 13 00:53:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 13 00:47:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	306986	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	281714	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145170	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	90402	18.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.160%			
7) Chloroethane-d5	2.899	69	78055	20.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.360%			
11) 1,1-Dichloroethene-d2	4.021	65	42991	20.056	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.240%			
21) 2-Butanone-d5	7.075	46	63778	64.007	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.020%			
24) Chloroform-d	7.648	84	209151	23.881	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.520%			
26) 1,2-Dichloroethane-d4	8.307	65	113363	24.586	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.360%			
32) Benzene-d6	8.276	84	406809	23.527	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.120%			
36) 1,2-Dichloropropane-d6	9.270	67	129503	24.702	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.800%			
41) Toluene-d8	10.318	98	358755	23.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	10.574	79	49097	24.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.480%			
47) 2-Hexanone-d5	10.922	63	43937	63.509	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.020%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103516	28.423	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	116322	22.580	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	60281	17.196	ug/L	98
3) Chloromethane	2.222	50	92392	21.574	ug/L	99
5) Vinyl chloride	2.375	62	109669	21.155	ug/L	97
6) Bromomethane	2.789	94	67595	21.762	ug/L	98
8) Chloroethane	2.936	64	69228	22.113	ug/L	98
9) Trichlorofluoromethane	3.271	101	90944	21.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	91025	21.408	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	91435	23.563	ug/L	82
13) Acetone	4.118	43	49122	47.042	ug/L	99
14) Carbon disulfide	4.387	76	290864	22.140	ug/L	99
15) Methyl Acetate	4.673	43	52909	30.507	ug/L	99
16) Methylene chloride	4.923	84	114372	24.824	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	102804	24.299	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	165781	28.100	ug/L	100
19) 1,1-Dichloroethane	6.215	63	211321	25.406	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	115365	26.010	ug/L	96
22) 2-Butanone	7.173	43	71462	56.794	ug/L	100
23) Bromochloromethane	7.514	128	48934	25.274	ug/L	99
25) Chloroform	7.679	83	205753	25.469	ug/L	97

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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	141340	26.107	ug/L	100
29) Cyclohexane	7.959	56	169379	24.182	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	159791	24.480	ug/L	99
31) Carbon tetrachloride	8.069	117	142118	23.904	ug/L	97
33) Benzene	8.325	78	455387	25.997	ug/L	100
34) Trichloroethene	9.093	95	115577	25.097	ug/L	94
35) Methylcyclohexane	9.337	83	187369	23.984	ug/L	99
37) 1,2-Dichloropropane	9.367	63	121879	26.570	ug/L	99
38) Bromodichloromethane	9.642	83	143136	25.585	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	175094	26.265	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	152702	65.447	ug/L	99
42) Toluene	10.385	91	478919	26.763	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	147630	27.469	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	85627	27.639	ug/L	96
46) Tetrachloroethene	10.861	164	86602	24.752	ug/L	94
48) 2-Hexanone	10.965	43	103788	59.330	ug/L	99
49) Dibromochloromethane	11.123	129	89702	27.414	ug/L	98
50) 1,2-Dibromoethane	11.233	107	77827	27.519	ug/L	95
51) Chlorobenzene	11.654	112	297508	25.881	ug/L	98
52) Ethylbenzene	11.727	91	535491	26.338	ug/L	93
53) m,p-Xylene	11.836	106	203486	27.021	ug/L	84
54) o-Xylene	12.160	106	192544	27.612	ug/L	99
55) Styrene	12.178	104	339268	28.221	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	102639	29.348	ug/L	96
59) Bromoform	12.342	173	51335	27.500	ug/L	99
60) Isopropylbenzene	12.458	105	529354	25.766	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	75158	27.447	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	393883	26.359	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	417964	26.467	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	225662	25.559	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	225156	24.417	ug/L	95
67) 1,2-Dichlorobenzene	13.860	146	197040	24.900	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	16735	28.673	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	150958	24.902	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	128206	26.095	ug/L	95
71) Naphthalene	15.360	128	248037	29.630	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	107139	25.523	ug/L	95

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

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