Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
Data File : VW027766.D
Acq On : 19 Dec 2023 09:16
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

Quant Time: Dec 19 22:34:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	374228	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	332631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	107970	20.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.480%			
7) Chloroethane-d5	2.899	69	80767	19.573	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.280%			
11) 1,1-Dichloroethene-d2	4.021	65	44079	20.766	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.080%			
21) 2-Butanone-d5	7.094	46	34615	38.355	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.700%			
24) Chloroform-d	7.648	84	207514	23.303	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	8.307	65	92725	22.177	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.720%			
32) Benzene-d6	8.276	84	438593	22.561	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.240%			
36) 1,2-Dichloropropane-d6	9.270	67	120957	21.962	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.840%			
41) Toluene-d8	10.319	98	408578	22.653	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	10.575	79	47094	22.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.360%			
47) 2-Hexanone-d5	10.922	63	31425	39.154	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.300%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89358	21.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	137344	22.654	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	114098	26.195	ug/L	95
3) Chloromethane	2.223	50	122753	23.927	ug/L	98
5) Vinyl chloride	2.375	62	151591	24.837	ug/L	95
6) Bromomethane	2.796	94	103898	26.744	ug/L	96
8) Chloroethane	2.936	64	83885	22.987	ug/L	98
9) Trichlorofluoromethane	3.271	101	146141	26.511	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127134	27.149	ug/L	98
12) 1,1-Dichloroethene	4.045	96	120779	26.348	ug/L	88
13) Acetone	4.161	43	42016	51.285	ug/L	97
14) Carbon disulfide	4.387	76	385204	25.013	ug/L	99
15) Methyl Acetate	4.685	43	30778	20.794	ug/L	96
16) Methylene chloride	4.917	84	124358	21.194	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	127584	26.321	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	162334	25.330	ug/L	98
19) 1,1-Dichloroethane	6.222	63	210141	25.494	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	135908	26.635	ug/L	97
22) 2-Butanone	7.185	43	47709	43.853	ug/L	95
23) Bromochloromethane	7.514	128	57653	26.757	ug/L	97
25) Chloroform	7.673	83	214108	26.375	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122772	25.796	ug/L	98
29) Cyclohexane	7.959	56	197030	25.035	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	184904	26.612	ug/L	100
31) Carbon tetrachloride	8.069	117	162751	26.616	ug/L	98
33) Benzene	8.325	78	493699	25.604	ug/L	100
34) Trichloroethene	9.093	95	135992	25.873	ug/L	98
35) Methylcyclohexane	9.331	83	244903	25.834	ug/L	99
37) 1,2-Dichloropropane	9.368	63	116793	25.092	ug/L	100
38) Bromodichloromethane	9.648	83	145061	25.640	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	184036	25.941	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	87706	43.112	ug/L	99
42) Toluene	10.386	91	550537	26.535	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	143151	25.623	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	83928	24.355	ug/L	98
46) Tetrachloroethene	10.861	164	111405	26.544	ug/L	87
48) 2-Hexanone	10.965	43	69295	45.762	ug/L	99
49) Dibromochloromethane	11.129	129	91006	25.250	ug/L	98
50) 1,2-Dibromoethane	11.233	107	79486	24.271	ug/L	88
51) Chlorobenzene	11.654	112	350094	26.412	ug/L	95
52) Ethylbenzene	11.727	91	616976	26.390	ug/L	95
53) m,p-Xylene	11.837	106	238640	26.574	ug/L	96
54) o-Xylene	12.166	106	223915	26.778	ug/L	91
55) Styrene	12.178	104	379476	26.920	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	90510	23.041	ug/L	94
59) Bromoform	12.349	173	50616	24.415	ug/L	95
60) Isopropylbenzene	12.458	105	636283	26.618	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62106	22.001	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	515686	26.987	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	495553	26.345	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	280017	27.109	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	269520	25.976	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	236756	26.358	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	11470	20.340	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	192997	26.852	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	156355	26.490	ug/L	97
71) Naphthalene	15.360	128	256722	24.544	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	131171	26.580	ug/L	98

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

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