Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026867.D
Acq On : 24 Aug 2023 21:41
Operator : SY/MD
Sample : 04138-13MS
Misc : 4.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

Quant Time: Aug 25 05:21:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	366856	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	366025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	219204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101318	16.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.200%			
7) Chloroethane-d5	2.893	69	84981	18.950	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.800%			
11) 1,1-Dichloroethene-d2	4.027	65	56671	19.106	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.440%			
21) 2-Butanone-d5	7.081	46	78560	45.323	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.640%			
24) Chloroform-d	7.648	84	287816	23.376	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.520%			
26) 1,2-Dichloroethane-d4	8.307	65	178144	26.218	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.880%			
32) Benzene-d6	8.276	84	526315	20.864	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.440%			
36) 1,2-Dichloropropane-d6	9.270	67	150477	19.150	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 76.600%			
41) Toluene-d8	10.325	98	479844	22.159	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.640%			
43) trans-1,3-Dichloroprop...	10.581	79	73045	22.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.040%			
47) 2-Hexanone-d5	10.922	63	43432	52.602	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.200%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148716	23.965	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	179971	22.938	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	67578	13.549	ug/L	92
3) Chloromethane	2.222	50	82491	12.095	ug/L	96
5) Vinyl chloride	2.375	62	90557	13.889	ug/L	97
6) Bromomethane	2.783	94	60659	15.968	ug/L	99
8) Chloroethane	2.930	64	58009	14.848	ug/L	94
9) Trichlorofluoromethane	3.265	101	94065	17.580	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90241	15.613	ug/L	88
12) 1,1-Dichloroethene	4.051	96	88797	16.376	ug/L	94
13) Acetone	4.131	43	50641	29.383	ug/L	100
14) Carbon disulfide	4.393	76	256573	13.152	ug/L	100
15) Methyl Acetate	4.673	43	61499	17.814	ug/L	92
16) Methylene chloride	4.917	84	114116	16.081	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	101618	16.794	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	208298	22.751	ug/L	96
19) 1,1-Dichloroethane	6.216	63	206823	16.608	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	116134	17.856	ug/L	92
22) 2-Butanone	7.173	43	82308	32.407	ug/L	95
23) Bromochloromethane	7.520	128	55002	19.577	ug/L #	76
25) Chloroform	7.673	83	225537	18.746	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	177527	21.151	ug/L		97
29) Cyclohexane	7.959	56	162254	14.334	ug/L		91
30) 1,1,1-Trichloroethane	7.868	97	190162	19.907	ug/L		98
31) Carbon tetrachloride	8.069	117	177970	20.376	ug/L		94
33) Benzene	8.325	78	439563	16.491	ug/L		100
34) Trichloroethene	9.093	95	117300	17.279	ug/L		94
35) Methylcyclohexane	9.337	83	177567	15.289	ug/L		94
37) 1,2-Dichloropropane	9.367	63	114172	15.638	ug/L	#	97
38) Bromodichloromethane	9.642	83	164311	19.184	ug/L		94
39) cis-1,3-Dichloropropene	10.069	75	191405	18.223	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	177377	37.350	ug/L		96
42) Toluene	10.386	91	480554	17.822	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	173559	19.198	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	95747	19.175	ug/L		94
46) Tetrachloroethene	10.861	164	98284	19.928	ug/L		90
48) 2-Hexanone	10.965	43	122847	38.015	ug/L		98
49) Dibromochloromethane	11.129	129	108092	20.698	ug/L		97
50) 1,2-Dibromoethane	11.233	107	90288	19.271	ug/L	#	93
51) Chlorobenzene	11.654	112	312338	18.338	ug/L		99
52) Ethylbenzene	11.727	91	557444	18.436	ug/L		95
53) m,p-Xylene	11.837	106	201976	18.031	ug/L		97
54) o-Xylene	12.166	106	203923	19.505	ug/L		98
55) Styrene	12.178	104	362495	19.941	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.714	83	121735	19.251	ug/L	#	99
59) Bromoform	12.349	173	74086	21.575	ug/L		97
60) Isopropylbenzene	12.458	105	571286	17.529	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	93175	17.523	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	468983	18.206	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	480613	19.040	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	257870	18.194	ug/L		93
65) 1,4-Dichlorobenzene	13.574	146	258854	17.500	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	237128	18.398	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.482	75	25019	19.518	ug/L		95
69) 1,3,5-Trichlorobenzene	14.623	180	178433	18.634	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	154396	19.017	ug/L		97
71) Naphthalene	15.360	128	328787	21.230	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	141365	19.305	ug/L		97

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

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