Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023311.D
Acq On : 25 May 2022 11:11
Operator : SY/VA
Sample : N2995-13MS
Misc : 4.61g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

Quant Time: May 26 01:29:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 26 01:27:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	373986	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	374337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	227597	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	113315	14.768	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.080%			
7) Chloroethane-d5	2.885	69	94796	18.990	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.960%			
11) 1,1-Dichloroethene-d2	4.019	63	183836	18.543	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.160%			
21) 2-Butanone-d5	7.080	46	83688	57.365	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.740%			
24) Chloroform-d	7.647	84	258050	23.551	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.200%			
26) 1,2-Dichloroethane-d4	8.305	65	142094	23.645	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.600%			
32) Benzene-d6	8.275	84	457519	21.204	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	9.275	67	141703	23.380	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.520%			
41) Toluene-d8	10.323	98	440089	21.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.440%			
43) trans-1,3-Dichloroprop...	10.579	79	65879	23.607	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.440%			
47) 2-Hexanone-d5	10.921	63	72091	62.308	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.620%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	165797	29.349	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.400%			
66) 1,2-Dichlorobenzene-d4	13.847	152	185787	23.352	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	37835	18.558	ug/L	95
3) Chloromethane	2.215	50	104667	26.568	ug/L	96
5) Vinyl chloride	2.361	62	161487	20.425	ug/L	98
6) Bromomethane	2.776	94	80637	15.885	ug/L	97
8) Chloroethane	2.922	64	87370	22.911	ug/L	98
9) Trichlorofluoromethane	3.257	101	78820	21.812	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	122472	22.666	ug/L	96
12) 1,1-Dichloroethene	4.044	96	105638	22.054	ug/L	87
13) Acetone	4.123	43	49400	45.229	ug/L	100
14) Carbon disulfide	4.385	76	280553	21.364	ug/L	99
15) Methyl Acetate	4.672	43	46981	21.411	ug/L	100
16) Methylene chloride	4.922	84	118048	21.572	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	123268	22.868	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	205877	25.020	ug/L	99
19) 1,1-Dichloroethane	6.214	63	215896	23.632	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	136010	23.492	ug/L #	99
22) 2-Butanone	7.165	43	66642	43.629	ug/L	100
23) Bromochloromethane	7.519	128	64625	23.834	ug/L	92
25) Chloroform	7.677	83	237936	23.554	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	8.397	62	158136	23.484	ug/L	100
29) Cyclohexane	7.958	56	184841	22.832	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	206768	23.374	ug/L	99
31) Carbon tetrachloride	8.067	117	195717	23.651	ug/L	98
33) Benzene	8.323	78	511236	23.183	ug/L	100
34) Trichloroethene	9.092	95	140244	23.125	ug/L	94
35) Methylcyclohexane	9.336	83	230007	23.086	ug/L	99
37) 1,2-Dichloropropane	9.366	63	125027	23.428	ug/L	99
38) Bromodichloromethane	9.646	83	172920	22.813	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	198781	24.023	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	162577	48.334	ug/L	99
42) Toluene	10.384	91	581440	23.527	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	183470	24.841	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	107736	24.150	ug/L	98
46) Tetrachloroethene	10.860	164	112497	24.683	ug/L	91
48) 2-Hexanone	10.969	43	114484	50.940	ug/L	98
49) Dibromochloromethane	11.128	129	128555	23.943	ug/L	93
50) 1,2-Dibromoethane	11.232	107	104882	23.413	ug/L	99
51) Chlorobenzene	11.652	112	391756	24.045	ug/L	96
52) Ethylbenzene	11.731	91	649623	23.627	ug/L	97
53) m,p-Xylene	11.841	106	264419	24.407	ug/L	97
54) o-Xylene	12.164	106	253917	24.424	ug/L	97
55) Styrene	12.176	104	431562	24.430	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	132357	23.753	ug/L	95
59) Bromoform	12.347	173	68669	21.290	ug/L	97
60) Isopropylbenzene	12.463	105	695446	22.304	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	96328	21.182	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	372036	21.447	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	572684	21.987	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	308000	22.125	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	308014	21.421	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	290697	22.820	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	21066	21.196	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	212043	22.947	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	163780	22.034	ug/L	98
71) Naphthalene	15.359	128	373859	23.141	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	148362	22.520	ug/L	98

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

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