Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022194.D
Acq On : 07 Mar 2022 12:28
Operator : SY/VA
Sample : N1775-13MS
Misc : 6.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

Quant Time: Mar 08 00:23:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Mar 08 00:21:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	148717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	139954	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49611	25.576	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.320%			
7) Chloroethane-d5	2.885	69	35657	23.363	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.440%			
11) 1,1-Dichloroethene-d2	4.025	63	75391	25.380	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.520%			
21) 2-Butanone-d5	7.080	46	21684	66.487	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.980%			
24) Chloroform-d	7.647	84	87891	26.488	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.960%			
26) 1,2-Dichloroethane-d4	8.305	65	46833	27.153	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	8.275	84	171919	26.394	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.560%			
36) 1,2-Dichloropropane-d6	9.274	67	46776	25.860	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.440%			
41) Toluene-d8	10.323	98	170989	26.405	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.640%			
43) trans-1,3-Dichloroprop...	10.579	79	21741	27.108	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.440%			
47) 2-Hexanone-d5	10.920	63	18438	61.975	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.960%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46927	29.561	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	64835	25.178	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	7963	19.159	ug/L #	87
3) Chloromethane	2.221	50	27521	19.324	ug/L	96
5) Vinyl chloride	2.361	62	43377	20.270	ug/L	93
6) Bromomethane	2.782	94	25434	17.018	ug/L	96
8) Chloroethane	2.922	64	24273	20.192	ug/L	99
9) Trichlorofluoromethane	3.263	101	32360	22.273	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41386	23.348	ug/L	99
12) 1,1-Dichloroethene	4.037	96	33594	21.868	ug/L #	79
13) Acetone	4.117	43	20264	76.074	ug/L	99
14) Carbon disulfide	4.385	76	73283	18.399	ug/L	98
15) Methyl Acetate	4.665	43	15112	25.200	ug/L	97
16) Methylene chloride	4.915	84	37955	20.792	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	36929	21.886	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	56803	24.744	ug/L #	93
19) 1,1-Dichloroethane	6.214	63	65287	23.900	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	42764	23.396	ug/L	95
22) 2-Butanone	7.165	43	25462	66.542	ug/L	97
23) Bromochloromethane	7.512	128	20624	23.098	ug/L	96
25) Chloroform	7.677	83	76844	24.109	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47514	24.202	ug/L		99
29) Cyclohexane	7.958	56	50842	21.829	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	66687	23.684	ug/L		99
31) Carbon tetrachloride	8.067	117	63587	23.761	ug/L		100
33) Benzene	8.323	78	154823	22.881	ug/L		100
34) Trichloroethene	9.091	95	43399	22.401	ug/L		92
35) Methylcyclohexane	9.335	83	65003	21.692	ug/L		100
37) 1,2-Dichloropropane	9.366	63	37168	23.545	ug/L		100
38) Bromodichloromethane	9.646	83	54853	24.231	ug/L		92
39) cis-1,3-Dichloropropene	10.073	75	60111	25.052	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	48357	56.725	ug/L		99
42) Toluene	10.384	91	181499	23.700	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	54246	25.157	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	33731	24.097	ug/L		96
46) Tetrachloroethene	10.859	164	38528	22.701	ug/L		98
48) 2-Hexanone	10.963	43	39466	66.703	ug/L		97
49) Dibromochloromethane	11.128	129	42629	25.072	ug/L		96
50) 1,2-Dibromoethane	11.231	107	33498	24.811	ug/L	#	98
51) Chlorobenzene	11.658	112	126138	23.667	ug/L		99
52) Ethylbenzene	11.725	91	204125	24.084	ug/L		97
53) m,p-Xylene	11.841	106	82794	23.740	ug/L		98
54) o-Xylene	12.164	106	79286	24.162	ug/L		89
55) Styrene	12.176	104	137019	24.907	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	42785	26.343	ug/L		98
59) Bromoform	12.353	173	25188	23.757	ug/L	#	97
60) Isopropylbenzene	12.463	105	223617	23.235	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	31307	24.741	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	150087	23.452	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	184629	23.606	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	102584	21.487	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	104726	21.889	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	95964	22.608	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6421	24.004	ug/L	#	79
69) 1,3,5-Trichlorobenzene	14.621	180	73309	21.393	ug/L		94
70) 1,2,4-trichlorobenzene	15.127	180	59080	22.786	ug/L		97
71) Naphthalene	15.359	128	113989	24.904	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	51163	22.814	ug/L		95

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

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