Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112222\
Data File : VW025119.D
Acq On : 22 Nov 2022 13:50
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

Quant Time: Nov 23 04:06:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 23 04:05:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	453232	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	398188	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	197797	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117402	21.080	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.320%			
7) Chloroethane-d5	2.885	69	74816	20.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.200%			
11) 1,1-Dichloroethene-d2	4.019	63	271749	22.670	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.680%			
21) 2-Butanone-d5	7.074	46	57955	50.079	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.160%			
24) Chloroform-d	7.647	84	274428	23.463	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.840%			
26) 1,2-Dichloroethane-d4	8.305	65	134394	23.266	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.080%			
32) Benzene-d6	8.275	84	556830	23.196	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	9.274	67	160914	23.181	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.720%			
41) Toluene-d8	10.323	98	504738	23.155	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	10.573	79	65999	23.563	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.240%			
47) 2-Hexanone-d5	10.920	63	46970	53.271	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.540%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114383	24.805	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	154027	22.843	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	38229	28.295	ug/L	100
3) Chloromethane	2.215	50	119554	23.881	ug/L	96
5) Vinyl chloride	2.361	62	163306	24.077	ug/L	98
6) Bromomethane	2.776	94	74462	22.585	ug/L	94
8) Chloroethane	2.922	64	69854	22.352	ug/L	95
9) Trichlorofluoromethane	3.257	101	112709	22.027	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	158016	25.786	ug/L	99
12) 1,1-Dichloroethene	4.038	96	152189	25.440	ug/L	96
13) Acetone	4.123	43	67614	54.527	ug/L	99
14) Carbon disulfide	4.385	76	493910	24.622	ug/L	100
15) Methyl Acetate	4.665	43	52859	26.134	ug/L	99
16) Methylene chloride	4.915	84	166421	20.673	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	162870	25.629	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	218221	25.909	ug/L	100
19) 1,1-Dichloroethane	6.220	63	286750	25.608	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	167684	25.475	ug/L	91
22) 2-Butanone	7.165	43	81940	52.454	ug/L	97
23) Bromochloromethane	7.519	128	70534	26.424	ug/L	98
25) Chloroform	7.677	83	286969	25.607	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	176644	26.112	ug/L	99
29) Cyclohexane	7.951	56	284974	26.001	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	242777	25.072	ug/L	99
31) Carbon tetrachloride	8.067	117	220922	25.141	ug/L	100
33) Benzene	8.323	78	657731	25.603	ug/L	100
34) Trichloroethene	9.092	95	171228	25.430	ug/L	96
35) Methylcyclohexane	9.335	83	317044	26.028	ug/L	99
37) 1,2-Dichloropropane	9.366	63	157013	25.403	ug/L	99
38) Bromodichloromethane	9.646	83	203552	25.780	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	239296	25.833	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	152269	55.764	ug/L	100
42) Toluene	10.384	91	697241	25.740	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	201673	26.654	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	106189	25.668	ug/L	98
46) Tetrachloroethene	10.860	164	128533	25.664	ug/L	97
48) 2-Hexanone	10.969	43	114904	58.250	ug/L	98
49) Dibromochloromethane	11.128	129	126810	25.656	ug/L	87
50) 1,2-Dibromoethane	11.237	107	98967	25.766	ug/L	97
51) Chlorobenzene	11.652	112	433691	25.810	ug/L	99
52) Ethylbenzene	11.731	91	793845	26.042	ug/L	97
53) m,p-Xylene	11.835	106	301094	25.744	ug/L	95
54) o-Xylene	12.164	106	285077	26.101	ug/L	99
55) Styrene	12.176	104	486752	26.589	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	122199	26.754	ug/L	94
59) Bromoform	12.347	173	63807	25.170	ug/L	96
60) Isopropylbenzene	12.463	105	786325	24.569	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89061	25.170	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	686742	25.110	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	668173	25.335	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	324360	25.048	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	315573	24.587	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	286808	25.580	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18533	26.082	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	218741	26.247	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166415	26.953	ug/L	97
71) Naphthalene	15.359	128	317555	28.055	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	138521	26.902	ug/L	99

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

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