Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
Data File : VW024623.D
Acq On : 21 Sep 2022 18:55
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV446

Quant Time: Sep 22 02:01:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 22 01:52:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	382923	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	380597	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	209191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	231176	26.462	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.840%			
7) Chloroethane-d5	2.873	69	171481	23.233	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.920%			
11) 1,1-Dichloroethene-d2	4.013	63	237266	24.485	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.960%			
21) 2-Butanone-d5	7.086	46	65738	54.932	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.860%			
24) Chloroform-d	7.647	84	273715	25.135	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.520%			
26) 1,2-Dichloroethane-d4	8.305	65	156878	26.628	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.520%			
32) Benzene-d6	8.275	84	541296	25.366	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.480%			
36) 1,2-Dichloropropane-d6	9.274	67	151487	24.745	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.960%			
41) Toluene-d8	10.323	98	534977	25.769	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.080%			
43) trans-1,3-Dichloroprop...	10.579	79	70760	25.886	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.560%			
47) 2-Hexanone-d5	10.920	63	58421	59.752	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.500%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	151283	28.336	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.360%			
66) 1,2-Dichlorobenzene-d4	13.853	152	190196	25.396	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	47462	27.277	ug/L	91
3) Chloromethane	2.209	50	180763	26.506	ug/L	98
5) Vinyl chloride	2.355	62	253103	26.330	ug/L	97
6) Bromomethane	2.769	94	214675	25.143	ug/L	98
8) Chloroethane	2.910	64	138332	23.296	ug/L	97
9) Trichlorofluoromethane	3.245	101	73579	19.568	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	131778	24.165	ug/L #	75
12) 1,1-Dichloroethene	4.031	96	117851	24.544	ug/L	88
13) Acetone	4.129	43	44874	50.126	ug/L	96
14) Carbon disulfide	4.379	76	376394	25.148	ug/L	97
15) Methyl Acetate	4.678	43	57162	27.393	ug/L	98
16) Methylene chloride	4.909	84	145800	22.501	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	140889	25.329	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	238766	27.497	ug/L	100
19) 1,1-Dichloroethane	6.214	63	235991	25.726	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	148785	26.239	ug/L #	91
22) 2-Butanone	7.177	43	78381	58.025	ug/L	96
23) Bromochloromethane	7.513	128	70241	26.074	ug/L	94
25) Chloroform	7.671	83	258254	25.556	ug/L	92

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Quant Title : SFAM01.0
QLast Update : Thu Sep 22 01:52:35 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	182704	27.254	ug/L	98
29) Cyclohexane	7.951	56	212013	24.926	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	213613	24.164	ug/L	99
31) Carbon tetrachloride	8.061	117	201950	24.009	ug/L	98
33) Benzene	8.323	78	580903	25.623	ug/L	100
34) Trichloroethene	9.092	95	151676	24.688	ug/L	94
35) Methylcyclohexane	9.335	83	254484	24.825	ug/L	99
37) 1,2-Dichloropropane	9.366	63	139537	26.204	ug/L	98
38) Bromodichloromethane	9.640	83	195775	25.840	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	214568	25.835	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	178040	58.215	ug/L	100
42) Toluene	10.384	91	673631	26.467	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	197458	26.767	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	116033	26.184	ug/L	94
46) Tetrachloroethene	10.866	164	116429	24.085	ug/L	97
48) 2-Hexanone	10.969	43	126521	60.292	ug/L	98
49) Dibromochloromethane	11.128	129	147380	27.514	ug/L	98
50) 1,2-Dibromoethane	11.231	107	117399	27.151	ug/L	97
51) Chlorobenzene	11.652	112	441315	26.293	ug/L	96
52) Ethylbenzene	11.725	91	735012	26.291	ug/L	99
53) m,p-Xylene	11.835	106	293421	26.430	ug/L	98
54) o-Xylene	12.164	106	278269	26.718	ug/L	100
55) Styrene	12.176	104	490463	27.379	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	149747	28.247	ug/L	99
59) Bromoform	12.347	173	81117	26.547	ug/L	97
60) Isopropylbenzene	12.463	105	743095	25.312	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	104863	26.874	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	636045	26.668	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	639931	26.815	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	332688	25.129	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	350725	25.753	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	318219	26.030	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23029	25.345	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	225565	25.918	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	183130	26.301	ug/L	96
71) Naphthalene	15.359	128	416311	29.905	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	175949	27.808	ug/L	95

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

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