Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023184.D
Acq On : 19 May 2022 20:09
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

Quant Time: May 20 01:54:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	386905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	378794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	225329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	152832	19.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.000%			
7) Chloroethane-d5	2.879	69	118574	22.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.840%			
11) 1,1-Dichloroethene-d2	4.019	63	211928	20.662	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.640%			
21) 2-Butanone-d5	7.086	46	81142	53.763	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.520%			
24) Chloroform-d	7.647	84	293642	25.905	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.600%			
26) 1,2-Dichloroethane-d4	8.305	65	157978	25.411	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.640%			
32) Benzene-d6	8.275	84	558971	25.602	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.400%			
36) 1,2-Dichloropropane-d6	9.274	67	166021	27.070	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.280%			
41) Toluene-d8	10.323	98	541212	25.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.640%			
43) trans-1,3-Dichloroprop...	10.579	79	67728	23.984	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.920%			
47) 2-Hexanone-d5	10.920	63	65769	56.175	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.340%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	160158	28.017	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.080%			
66) 1,2-Dichlorobenzene-d4	13.853	152	212601	26.991	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	88186	41.811	ug/L	96
3) Chloromethane	2.209	50	115523	28.344	ug/L	100
5) Vinyl chloride	2.355	62	144997	17.727	ug/L	98
6) Bromomethane	2.769	94	109681	20.885	ug/L	89
8) Chloroethane	2.916	64	82125	20.817	ug/L	98
9) Trichlorofluoromethane	3.257	101	94094	25.169	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	127358	22.783	ug/L	94
12) 1,1-Dichloroethene	4.037	96	102645	20.714	ug/L	88
13) Acetone	4.129	43	39956	35.361	ug/L	98
14) Carbon disulfide	4.379	76	169998	12.513	ug/L	98
15) Methyl Acetate	4.672	43	51736	22.790	ug/L	98
16) Methylene chloride	4.915	84	130558	23.061	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	116420	20.877	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	219970	25.840	ug/L	99
19) 1,1-Dichloroethane	6.214	63	220932	23.376	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	144393	24.107	ug/L #	96
22) 2-Butanone	7.171	43	65385	41.377	ug/L	97
23) Bromochloromethane	7.512	128	65247	23.260	ug/L	93
25) Chloroform	7.677	83	256853	24.577	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158537	22.757	ug/L		96
29) Cyclohexane	7.951	56	165258	20.173	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	206377	23.055	ug/L		99
31) Carbon tetrachloride	8.067	117	181401	21.663	ug/L		100
33) Benzene	8.323	78	514941	23.076	ug/L		100
34) Trichloroethene	9.091	95	139953	22.805	ug/L		98
35) Methylcyclohexane	9.335	83	209621	20.792	ug/L		99
37) 1,2-Dichloropropane	9.366	63	129385	23.960	ug/L		98
38) Bromodichloromethane	9.646	83	171081	22.305	ug/L		100
39) cis-1,3-Dichloropropene	10.073	75	196346	23.449	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	157735	46.342	ug/L		97
42) Toluene	10.384	91	590887	23.628	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	173952	23.275	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	114036	25.261	ug/L		97
46) Tetrachloroethene	10.859	164	113355	24.579	ug/L		91
48) 2-Hexanone	10.969	43	105579	46.425	ug/L		99
49) Dibromochloromethane	11.128	129	128731	23.693	ug/L		97
50) 1,2-Dibromoethane	11.231	107	106342	23.460	ug/L		99
51) Chlorobenzene	11.658	112	410498	24.898	ug/L		98
52) Ethylbenzene	11.731	91	674647	24.249	ug/L		99
53) m,p-Xylene	11.835	106	266868	24.344	ug/L		100
54) o-Xylene	12.164	106	257847	24.511	ug/L		98
55) Styrene	12.176	104	460039	25.735	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	138712	24.601	ug/L		95
59) Bromoform	12.353	173	64994	20.353	ug/L		99
60) Isopropylbenzene	12.463	105	727048	23.553	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	97607	21.679	ug/L		100
62) 1,3,5-Trimethylbenzene	12.938	105	402291	23.425	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	616820	23.920	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	346946	25.174	ug/L		95
65) 1,4-Dichlorobenzene	13.572	146	340583	23.925	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	321507	25.493	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18661	18.965	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.621	180	247094	27.009	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	203749	27.687	ug/L		100
71) Naphthalene	15.359	128	409314	25.590	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	176425	27.049	ug/L		94

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

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