Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052722\
Data File : VW023360.D
Acq On : 27 May 2022 09:14
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

Quant Time: May 27 21:54:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 27 00:22:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	348635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	349410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	200426	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	122821	17.171	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.680%			
7) Chloroethane-d5	2.879	69	85181	18.305	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.200%			
11) 1,1-Dichloroethene-d2	4.019	63	180993	19.583	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.320%			
21) 2-Butanone-d5	7.080	46	60132	44.216	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.440%			
24) Chloroform-d	7.647	84	230697	22.586	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.360%			
26) 1,2-Dichloroethane-d4	8.305	65	122492	21.865	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.480%			
32) Benzene-d6	8.269	84	429987	21.350	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.400%			
36) 1,2-Dichloropropane-d6	9.274	67	128673	22.745	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.960%			
41) Toluene-d8	10.323	98	420606	21.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.480%			
43) trans-1,3-Dichloroprop...	10.573	79	57283	21.991	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.960%			
47) 2-Hexanone-d5	10.921	63	47623	44.097	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.200%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	122433	23.219	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	160962	22.974	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	42760	22.499	ug/L	93
3) Chloromethane	2.209	50	114757	31.247	ug/L	100
5) Vinyl chloride	2.355	62	173347	23.519	ug/L	99
6) Bromomethane	2.770	94	83639	17.674	ug/L	97
8) Chloroethane	2.916	64	83061	23.365	ug/L	100
9) Trichlorofluoromethane	3.251	101	77945	23.138	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	129560	25.721	ug/L	96
12) 1,1-Dichloroethene	4.038	96	112419	25.176	ug/L	87
13) Acetone	4.123	43	41597	40.854	ug/L	100
14) Carbon disulfide	4.379	76	285085	23.288	ug/L	99
15) Methyl Acetate	4.666	43	48003	23.467	ug/L	100
16) Methylene chloride	4.909	84	125283	24.558	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	126412	25.157	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	205450	26.783	ug/L	100
19) 1,1-Dichloroethane	6.214	63	224401	26.349	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	140562	26.043	ug/L #	98
22) 2-Butanone	7.171	43	66969	47.031	ug/L	99
23) Bromochloromethane	7.507	128	66853	26.449	ug/L	96
25) Chloroform	7.671	83	253933	26.965	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri May 27 00:22:20 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	161527	25.732	ug/L		98
29) Cyclohexane	7.952	56	193568	25.616	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	216280	26.193	ug/L		98
31) Carbon tetrachloride	8.061	117	203473	26.343	ug/L		100
33) Benzene	8.323	78	535879	26.034	ug/L		100
34) Trichloroethene	9.092	95	147542	26.064	ug/L		100
35) Methylcyclohexane	9.335	83	243185	26.150	ug/L		99
37) 1,2-Dichloropropane	9.366	63	130597	26.218	ug/L		100
38) Bromodichloromethane	9.646	83	181636	25.672	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	205764	26.640	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	148233	47.213	ug/L		98
42) Toluene	10.384	91	618567	26.815	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	187236	27.159	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	108026	25.942	ug/L		98
46) Tetrachloroethene	10.860	164	116702	27.432	ug/L		91
48) 2-Hexanone	10.963	43	100225	47.777	ug/L		98
49) Dibromochloromethane	11.128	129	134222	26.781	ug/L		99
50) 1,2-Dibromoethane	11.231	107	105624	25.261	ug/L	#	96
51) Chlorobenzene	11.658	112	405712	26.678	ug/L		98
52) Ethylbenzene	11.725	91	691123	26.930	ug/L		98
53) m,p-Xylene	11.835	106	275444	27.239	ug/L		97
54) o-Xylene	12.164	106	270198	27.845	ug/L		99
55) Styrene	12.176	104	460408	27.922	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	128655	24.736	ug/L		100
59) Bromoform	12.347	173	70532	24.832	ug/L		99
60) Isopropylbenzene	12.463	105	721728	26.285	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	92808	23.175	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	402081	26.322	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	604039	26.335	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	330530	26.962	ug/L		93
65) 1,4-Dichlorobenzene	13.579	146	332458	26.256	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	299407	26.690	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19629	22.427	ug/L		92
69) 1,3,5-Trichlorobenzene	14.627	180	224743	27.619	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	171510	26.202	ug/L		95
71) Naphthalene	15.359	128	358002	25.163	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	157844	27.207	ug/L		97

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

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