Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
Data File : VW023041.D
Acq On : 16 May 2022 08:47
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Quant Time: May 17 01:20:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 13 23:57:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	378516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	367195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	197106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	195606	25.188	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.760%			
7) Chloroethane-d5	2.879	69	133034	26.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.320%			
11) 1,1-Dichloroethene-d2	4.013	63	241665	24.084	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.320%			
21) 2-Butanone-d5	7.073	46	73265	49.620	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.240%			
24) Chloroform-d	7.647	84	300054	27.057	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.240%			
26) 1,2-Dichloroethane-d4	8.305	65	160867	26.449	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.800%			
32) Benzene-d6	8.274	84	590073	27.880	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.520%			
36) 1,2-Dichloropropane-d6	9.268	67	164679	27.699	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.800%			
41) Toluene-d8	10.323	98	579879	28.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.440%			
43) trans-1,3-Dichloroprop...	10.579	79	76428	27.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.680%			
47) 2-Hexanone-d5	10.920	63	59784	52.676	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.360%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	148287	26.760	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.040%			
66) 1,2-Dichlorobenzene-d4	13.853	152	202671	29.415	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 117.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	38313	18.568	ug/L	96
3) Chloromethane	2.215	50	86681	21.739	ug/L	94
5) Vinyl chloride	2.361	62	157491	19.681	ug/L	99
6) Bromomethane	2.775	94	95309	18.550	ug/L	94
8) Chloroethane	2.916	64	78841	20.427	ug/L	97
9) Trichlorofluoromethane	3.257	101	78359	21.424	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	116943	21.384	ug/L	96
12) 1,1-Dichloroethene	4.037	96	101959	21.031	ug/L	90
13) Acetone	4.123	43	42673	38.602	ug/L	99
14) Carbon disulfide	4.379	76	216769	16.309	ug/L	99
15) Methyl Acetate	4.671	43	46345	20.868	ug/L	100
16) Methylene chloride	4.915	84	117716	21.254	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	111497	20.437	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	195796	23.510	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	209800	22.690	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	132235	22.566	ug/L #	96
22) 2-Butanone	7.171	43	65123	42.124	ug/L	97
23) Bromochloromethane	7.512	128	59551	21.700	ug/L	90
25) Chloroform	7.671	83	235678	23.051	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri May 13 23:57:51 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	151896	22.287	ug/L	97
29) Cyclohexane	7.951	56	164138	20.669	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	202770	23.367	ug/L	99
31) Carbon tetrachloride	8.061	117	185537	22.857	ug/L	99
33) Benzene	8.323	78	478728	22.131	ug/L	100
34) Trichloroethene	9.091	95	133189	22.389	ug/L	97
35) Methylcyclohexane	9.335	83	206720	21.152	ug/L	99
37) 1,2-Dichloropropane	9.366	63	120048	22.933	ug/L	99
38) Bromodichloromethane	9.640	83	173262	23.303	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	195545	24.091	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	145996	44.248	ug/L	99
42) Toluene	10.384	91	558628	23.043	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	177425	24.490	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	103147	23.571	ug/L	98
46) Tetrachloroethene	10.859	164	97473	21.803	ug/L	98
48) 2-Hexanone	10.969	43	102523	46.505	ug/L	99
49) Dibromochloromethane	11.128	129	128632	24.423	ug/L	95
50) 1,2-Dibromoethane	11.231	107	99744	22.699	ug/L	95
51) Chlorobenzene	11.658	112	380824	23.828	ug/L	99
52) Ethylbenzene	11.725	91	629826	23.353	ug/L	99
53) m,p-Xylene	11.835	106	254211	23.922	ug/L	97
54) o-Xylene	12.164	106	244408	23.967	ug/L	98
55) Styrene	12.176	104	424236	24.482	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	128676	23.542	ug/L	95
59) Bromoform	12.347	173	69172	24.763	ug/L	99
60) Isopropylbenzene	12.463	105	683673	25.319	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	91277	23.176	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	375639	25.005	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	559705	24.813	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	311179	25.811	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	301732	24.230	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	275963	25.015	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18924	21.986	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	204542	25.560	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	167388	26.003	ug/L	99
71) Naphthalene	15.359	128	347723	24.853	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	144246	25.282	ug/L	99

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

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