Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
Data File : VW024317.D
Acq On : 24 Aug 2022 12:15
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Quant Time: Aug 25 01:27:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 24 01:06:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	245036	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	247999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143518	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	111327	21.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.960%			
7) Chloroethane-d5	2.867	69	85595	26.827	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.320%			
11) 1,1-Dichloroethene-d2	4.007	63	121757	20.859	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.440%			
21) 2-Butanone-d5	7.080	46	60341	63.324	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.640%			
24) Chloroform-d	7.641	84	190672	25.717	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.880%			
26) 1,2-Dichloroethane-d4	8.299	65	105396	25.605	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	8.268	84	343439	23.481	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.920%			
36) 1,2-Dichloropropane-d6	9.268	67	108668	25.164	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.640%			
41) Toluene-d8	10.323	98	313267	22.915	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.640%			
43) trans-1,3-Dichloroprop...	10.579	79	47521	25.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.480%			
47) 2-Hexanone-d5	10.920	63	48787	61.165	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.320%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118840	28.364	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.440%			
66) 1,2-Dichlorobenzene-d4	13.853	152	126364	24.061	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	48161	22.340	ug/L	99
3) Chloromethane	2.209	50	92019	22.760	ug/L	97
5) Vinyl chloride	2.349	62	147061	26.129	ug/L	97
6) Bromomethane	2.757	94	102863	31.875	ug/L	93
8) Chloroethane	2.904	64	74731	30.313	ug/L	96
9) Trichlorofluoromethane	3.239	101	62747	23.519	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	79587	22.118	ug/L	95
12) 1,1-Dichloroethene	4.025	96	65390	22.197	ug/L	85
13) Acetone	4.123	43	37925	54.058	ug/L	65
14) Carbon disulfide	4.367	76	173715	18.428	ug/L	97
15) Methyl Acetate	4.665	43	40186	25.431	ug/L	94
16) Methylene chloride	4.909	84	94543	21.879	ug/L	91
17) trans-1,2-Dichloroethene	5.409	96	80692	23.719	ug/L	92
18) Methyl tert-butyl Ether	5.421	73	144907	29.871	ug/L	99
19) 1,1-Dichloroethane	6.202	63	169650	28.310	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	97656	26.139	ug/L #	98
22) 2-Butanone	7.165	43	66659	56.386	ug/L	96
23) Bromochloromethane	7.506	128	45652	24.536	ug/L	93
25) Chloroform	7.671	83	184340	27.916	ug/L	95

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	123448	27.782	ug/L		100
29) Cyclohexane	7.951	56	129613	25.492	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	148041	26.470	ug/L		99
31) Carbon tetrachloride	8.061	117	132321	25.079	ug/L		98
33) Benzene	8.317	78	391193	26.707	ug/L		100
34) Trichloroethene	9.091	95	97626	25.217	ug/L		95
35) Methylcyclohexane	9.329	83	155120	25.551	ug/L		98
37) 1,2-Dichloropropane	9.366	63	101998	28.170	ug/L		99
38) Bromodichloromethane	9.640	83	137617	27.099	ug/L		95
39) cis-1,3-Dichloropropene	10.067	75	153021	28.726	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	138680	57.711	ug/L		99
42) Toluene	10.384	91	423922	27.235	ug/L		98
44) trans-1,3-Dichloropropene	10.603	75	139719	28.705	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	83308	27.298	ug/L		97
46) Tetrachloroethene	10.859	164	75245	24.007	ug/L		96
48) 2-Hexanone	10.963	43	103177	63.268	ug/L		98
49) Dibromochloromethane	11.128	129	96467	26.257	ug/L		86
50) 1,2-Dibromoethane	11.237	107	76885	26.295	ug/L		99
51) Chlorobenzene	11.652	112	280115	26.340	ug/L		95
52) Ethylbenzene	11.725	91	477807	28.019	ug/L		98
53) m,p-Xylene	11.835	106	191505	28.849	ug/L		99
54) o-Xylene	12.164	106	185944	29.650	ug/L		92
55) Styrene	12.176	104	330363	30.289	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	107611	28.215	ug/L		97
59) Bromoform	12.347	173	56050	25.604	ug/L		99
60) Isopropylbenzene	12.463	105	507198	29.193	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	76860	26.910	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	428984	29.879	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	421932	29.840	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	223796	26.305	ug/L		98
65) 1,4-Dichlorobenzene	13.578	146	239322	26.565	ug/L		93
67) 1,2-Dichlorobenzene	13.865	146	214835	26.592	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18348	27.495	ug/L	#	68
69) 1,3,5-Trichlorobenzene	14.627	180	150771	27.026	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	124776	27.929	ug/L		98
71) Naphthalene	15.359	128	261884	30.095	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	119985	29.499	ug/L		98

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

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