Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022496.D
Acq On : 12 Apr 2022 10:06
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Quant Time: Apr 12 23:28:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	370333	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	367855	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	204037	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	134724	16.456	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.840%			
7) Chloroethane-d5	2.885	69	99272	19.348	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.400%			
11) 1,1-Dichloroethene-d2	4.025	63	215060	20.253	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.000%			
21) 2-Butanone-d5	7.074	46	77833	54.454	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.900%			
24) Chloroform-d	7.647	84	274628	23.725	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.920%			
26) 1,2-Dichloroethane-d4	8.305	65	154265	23.325	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.280%			
32) Benzene-d6	8.269	84	475493	21.157	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.640%			
36) 1,2-Dichloropropane-d6	9.274	67	149372	22.967	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.880%			
41) Toluene-d8	10.323	98	464254	21.092	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.360%			
43) trans-1,3-Dichloroprop...	10.573	79	68091	22.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.720%			
47) 2-Hexanone-d5	10.920	63	66812	55.214	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.420%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	148339	26.824	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	183845	25.439	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	35090	19.329	ug/L	97
3) Chloromethane	2.221	50	84195	18.602	ug/L	99
5) Vinyl chloride	2.361	62	199097	21.081	ug/L	96
6) Bromomethane	2.776	94	120926	21.063	ug/L	99
8) Chloroethane	2.922	64	93658	22.652	ug/L	98
9) Trichlorofluoromethane	3.257	101	93117	26.706	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	138711	24.983	ug/L	96
12) 1,1-Dichloroethene	4.044	96	126412	25.352	ug/L	81
13) Acetone	4.123	43	50681	52.078	ug/L	98
14) Carbon disulfide	4.385	76	359847	21.937	ug/L	99
15) Methyl Acetate	4.672	43	58675	24.026	ug/L	98
16) Methylene chloride	4.922	84	135011	24.228	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	144381	24.718	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	243643	25.540	ug/L	96
19) 1,1-Dichloroethane	6.214	63	250574	23.510	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	157667	25.557	ug/L #	87
22) 2-Butanone	7.165	43	77286	52.582	ug/L	94
23) Bromochloromethane	7.513	128	72400	27.269	ug/L	90
25) Chloroform	7.671	83	278948	24.849	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	188212	23.855	ug/L	#	95
29) Cyclohexane	7.952	56	228280	21.682	ug/L		94
30) 1,1,1-Trichloroethane	7.872	97	241547	23.671	ug/L		98
31) Carbon tetrachloride	8.073	117	221333	24.167	ug/L		99
33) Benzene	8.323	78	581306	23.276	ug/L		100
34) Trichloroethene	9.092	95	163434	24.440	ug/L		98
35) Methylcyclohexane	9.335	83	275927	22.998	ug/L		95
37) 1,2-Dichloropropane	9.366	63	138612	23.167	ug/L		99
38) Bromodichloromethane	9.640	83	207471	24.113	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	231438	24.377	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	181499	49.707	ug/L		96
42) Toluene	10.384	91	665622	23.258	ug/L		90
44) trans-1,3-Dichloropropene	10.603	75	205912	24.222	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	117591	25.752	ug/L		97
46) Tetrachloroethene	10.860	164	120075	24.428	ug/L		97
48) 2-Hexanone	10.969	43	129140	50.132	ug/L		97
49) Dibromochloromethane	11.128	129	145768	26.767	ug/L		96
50) 1,2-Dibromoethane	11.237	107	117190	25.990	ug/L		96
51) Chlorobenzene	11.658	112	433196	24.770	ug/L		93
52) Ethylbenzene	11.731	91	757950	23.628	ug/L		98
53) m,p-Xylene	11.835	106	299218	24.532	ug/L		95
54) o-Xylene	12.164	106	288606	24.761	ug/L		96
55) Styrene	12.176	104	491278	24.671	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	147004	26.229	ug/L		99
59) Bromoform	12.347	173	76500	25.232	ug/L		99
60) Isopropylbenzene	12.463	105	815180	24.051	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	106253	24.481	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	457166	24.526	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	679878	23.986	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	339133	24.654	ug/L		94
65) 1,4-Dichlorobenzene	13.572	146	334504	24.383	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	306932	24.950	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	23844	23.687	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.621	180	230812	25.717	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	191492	25.405	ug/L		96
71) Naphthalene	15.359	128	420168	26.429	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	161358	25.045	ug/L		95

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

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