Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020322\
Data File : VW022074.D
Acq On : 03 Feb 2022 17:39
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

Quant Time: Feb 04 00:59:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 03 01:57:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154314	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	141127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	49194	26.466	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.880%			
7) Chloroethane-d5	2.879	69	38143	26.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.600%			
11) 1,1-Dichloroethene-d2	4.013	63	71098	21.649	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.600%			
21) 2-Butanone-d5	7.074	46	18320	55.567	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.140%			
24) Chloroform-d	7.647	84	88151	24.553	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.200%			
26) 1,2-Dichloroethane-d4	8.305	65	44650	24.997	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	8.275	84	172337	24.165	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.640%			
36) 1,2-Dichloropropane-d6	9.274	67	47081	24.270	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.080%			
41) Toluene-d8	10.323	98	168403	23.826	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.320%			
43) trans-1,3-Dichloroprop...	10.573	79	20743	24.415	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.680%			
47) 2-Hexanone-d5	10.921	63	16994	60.256	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.520%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	41940	26.508	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.040%			
66) 1,2-Dichlorobenzene-d4	13.853	152	65900	22.748	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	14550	40.480	ug/L	98
3) Chloromethane	2.209	50	40367	24.891	ug/L	98
5) Vinyl chloride	2.355	62	58963	25.314	ug/L	100
6) Bromomethane	2.776	94	39321	19.853	ug/L	98
8) Chloroethane	2.916	64	30690	25.641	ug/L	98
9) Trichlorofluoromethane	3.257	101	31510	17.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	43357	23.272	ug/L	97
12) 1,1-Dichloroethene	4.032	96	38262	22.254	ug/L	96
13) Acetone	4.123	43	12165	39.508	ug/L	91
14) Carbon disulfide	4.379	76	107773	21.490	ug/L	99
15) Methyl Acetate	4.666	43	13589	24.134	ug/L #	89
16) Methylene chloride	4.909	84	39551	21.996	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	44491	23.205	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	57784	23.505	ug/L	99
19) 1,1-Dichloroethane	6.214	63	69372	23.354	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	46744	23.759	ug/L	97
22) 2-Butanone	7.165	43	19409	48.685	ug/L	99
23) Bromochloromethane	7.507	128	22475	23.199	ug/L	92
25) Chloroform	7.671	83	79401	23.615	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48872	24.693	ug/L		98
29) Cyclohexane	7.952	56	63302	22.850	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	68286	21.864	ug/L		98
31) Carbon tetrachloride	8.067	117	67111	21.953	ug/L		97
33) Benzene	8.323	78	172082	23.256	ug/L		100
34) Trichloroethene	9.092	95	48097	22.862	ug/L		98
35) Methylcyclohexane	9.335	83	79632	22.436	ug/L		99
37) 1,2-Dichloropropane	9.366	63	39292	24.178	ug/L		98
38) Bromodichloromethane	9.640	83	56493	24.341	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	63689	24.434	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	42248	52.985	ug/L		99
42) Toluene	10.384	91	199589	23.796	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	56219	25.019	ug/L		99
45) 1,1,2-Trichloroethane	10.780	97	33392	24.174	ug/L		98
46) Tetrachloroethene	10.860	164	41839	21.336	ug/L		95
48) 2-Hexanone	10.969	43	31759	53.513	ug/L		96
49) Dibromochloromethane	11.128	129	42084	24.194	ug/L		100
50) 1,2-Dibromoethane	11.231	107	33091	24.196	ug/L		91
51) Chlorobenzene	11.652	112	130373	22.839	ug/L		99
52) Ethylbenzene	11.725	91	219607	23.730	ug/L		100
53) m,p-Xylene	11.835	106	90229	23.500	ug/L		87
54) o-Xylene	12.164	106	86880	24.189	ug/L		99
55) Styrene	12.176	104	147225	25.376	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	38821	25.820	ug/L		99
59) Bromoform	12.347	173	23124	21.803	ug/L	#	93
60) Isopropylbenzene	12.463	105	234812	22.380	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	28267	24.162	ug/L		96
62) 1,3,5-Trimethylbenzene	12.938	105	161083	23.149	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	193033	22.769	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	115767	23.030	ug/L		93
65) 1,4-Dichlorobenzene	13.573	146	108554	21.574	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	96645	21.632	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5382	22.612	ug/L		87
69) 1,3,5-Trichlorobenzene	14.621	180	77034	21.315	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	57455	20.014	ug/L		97
71) Naphthalene	15.359	128	105710	22.570	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	49399	20.133	ug/L		100

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

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