Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041922\
Data File : VW022580.D
Acq On : 19 Apr 2022 16:05
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Quant Time: Apr 20 01:27:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 20 01:25:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	349785	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339677	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191425	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	163409	21.132	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.520%			
7) Chloroethane-d5	2.891	69	101712	20.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.960%			
11) 1,1-Dichloroethene-d2	4.019	63	250632	24.990	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.960%			
21) 2-Butanone-d5	7.074	46	57392	42.512	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.020%			
24) Chloroform-d	7.647	84	265696	24.302	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	8.305	65	138213	22.126	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.520%			
32) Benzene-d6	8.275	84	508999	24.527	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.120%			
36) 1,2-Dichloropropane-d6	9.274	67	140547	23.402	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.600%			
41) Toluene-d8	10.323	98	498645	24.533	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.120%			
43) trans-1,3-Dichloroprop...	10.579	79	61572	21.724	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.880%			
47) 2-Hexanone-d5	10.920	63	48316	43.241	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.480%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	117395	22.989	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	164175	24.214	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	32983	19.236	ug/L	93
3) Chloromethane	2.221	50	79025	18.485	ug/L	97
5) Vinyl chloride	2.367	62	180195	20.200	ug/L	96
6) Bromomethane	2.782	94	94276	17.386	ug/L	98
8) Chloroethane	2.928	64	78903	20.204	ug/L	100
9) Trichlorofluoromethane	3.257	101	113876	34.578	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129501	24.694	ug/L	97
12) 1,1-Dichloroethene	4.037	96	113247	24.046	ug/L	90
13) Acetone	4.123	43	56880	61.881	ug/L	92
14) Carbon disulfide	4.385	76	297616	19.209	ug/L	98
15) Methyl Acetate	4.665	43	48961	21.226	ug/L	97
16) Methylene chloride	4.915	84	126760	24.084	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	126706	22.966	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	205032	22.755	ug/L	96
19) 1,1-Dichloroethane	6.220	63	228807	22.729	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	144129	24.735	ug/L #	87
22) 2-Butanone	7.165	43	70315	50.650	ug/L	93
23) Bromochloromethane	7.512	128	62764	25.028	ug/L	90
25) Chloroform	7.677	83	258636	24.393	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Wed Apr 20 01:25:38 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	166530	22.347	ug/L		96
29) Cyclohexane	7.958	56	198718	20.440	ug/L		94
30) 1,1,1-Trichloroethane	7.872	97	226643	24.053	ug/L		97
31) Carbon tetrachloride	8.067	117	209905	24.820	ug/L		99
33) Benzene	8.323	78	533678	23.141	ug/L		100
34) Trichloroethene	9.091	95	147957	23.961	ug/L		98
35) Methylcyclohexane	9.335	83	240518	21.710	ug/L		96
37) 1,2-Dichloropropane	9.366	63	127995	23.167	ug/L		99
38) Bromodichloromethane	9.646	83	187700	23.625	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	210329	23.991	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	148201	43.955	ug/L		95
42) Toluene	10.384	91	614116	23.239	ug/L		95
44) trans-1,3-Dichloropropene	10.603	75	179803	22.905	ug/L		94
45) 1,1,2-Trichloroethane	10.786	97	104188	24.709	ug/L		98
46) Tetrachloroethene	10.859	164	112198	24.719	ug/L		90
48) 2-Hexanone	10.969	43	105736	44.452	ug/L	#	95
49) Dibromochloromethane	11.128	129	129347	25.722	ug/L		98
50) 1,2-Dibromoethane	11.231	107	102186	24.543	ug/L		98
51) Chlorobenzene	11.652	112	392664	24.315	ug/L		98
52) Ethylbenzene	11.731	91	701292	23.676	ug/L		95
53) m,p-Xylene	11.835	106	273393	24.274	ug/L		93
54) o-Xylene	12.164	106	263062	24.442	ug/L		89
55) Styrene	12.182	104	459264	24.976	ug/L		88
57) 1,1,2,2-Tetrachloroethane	12.713	83	123380	23.840	ug/L		98
59) Bromoform	12.347	173	66523	23.387	ug/L		99
60) Isopropylbenzene	12.463	105	739758	23.264	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	90368	22.192	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	410821	23.492	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	614742	23.117	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	305707	23.688	ug/L		95
65) 1,4-Dichlorobenzene	13.572	146	316147	24.563	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	281610	24.400	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19804	20.970	ug/L		93
69) 1,3,5-Trichlorobenzene	14.627	180	207209	24.609	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	165532	23.408	ug/L		97
71) Naphthalene	15.359	128	336490	22.560	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	136901	22.649	ug/L		96

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

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