Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020333.D
Acq On : 06 Oct 2021 23:23
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025565

Quant Time: Oct 07 01:56:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	274853	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	253922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	127981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	82929	21.892	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.560%			
7) Chloroethane-d5	2.879	69	37282	22.714	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.840%			
11) 1,1-Dichloroethene-d2	4.019	63	165459	21.211	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.840%			
21) 2-Butanone-d5	7.086	46	52737	54.804	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.600%			
24) Chloroform-d	7.653	84	186505	23.632	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.520%			
26) 1,2-Dichloroethane-d4	8.311	65	106869	24.743	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.960%			
32) Benzene-d6	8.275	84	359618	23.391	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.560%			
36) 1,2-Dichloropropane-d6	9.275	67	117059	24.005	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.000%			
41) Toluene-d8	10.323	98	330700	23.749	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	10.579	79	48277	24.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.320%			
47) 2-Hexanone-d5	10.927	63	38926	57.754	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.500%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	88243	25.927	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.720%			
66) 1,2-Dichlorobenzene-d4	13.853	152	104195	23.250	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	31273	20.770	ug/L	99
3) Chloromethane	2.209	50	78444	21.306	ug/L	97
5) Vinyl chloride	2.355	62	111784	22.321	ug/L	99
6) Bromomethane	2.776	94	40787	21.043	ug/L	93
8) Chloroethane	2.916	64	33654	22.478	ug/L	95
9) Trichlorofluoromethane	3.257	101	52753	20.331	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	90754	22.437	ug/L	99
12) 1,1-Dichloroethene	4.038	96	87300	22.826	ug/L	96
13) Acetone	4.135	43	38931	39.353	ug/L	99
14) Carbon disulfide	4.385	76	277247	22.051	ug/L	99
15) Methyl Acetate	4.678	43	49150	27.185	ug/L	98
16) Methylene chloride	4.916	84	110608	22.536	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	96519	24.107	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	143678	27.754	ug/L	99
19) 1,1-Dichloroethane	6.220	63	193642	24.318	ug/L	100
20) cis-1,2-Dichloroethene	7.177	96	103491	25.276	ug/L	96
22) 2-Butanone	7.177	43	61223	50.336	ug/L	100
23) Bromochloromethane	7.519	128	44660	25.755	ug/L	92
25) Chloroform	7.677	83	189071	24.827	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	131678	25.885	ug/L		99
29) Cyclohexane	7.958	56	178379	23.629	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	143545	23.568	ug/L		99
31) Carbon tetrachloride	8.067	117	122142	22.972	ug/L		98
33) Benzene	8.323	78	421386	23.863	ug/L		100
34) Trichloroethene	9.092	95	103743	23.882	ug/L		96
35) Methylcyclohexane	9.335	83	178653	23.576	ug/L		99
37) 1,2-Dichloropropane	9.372	63	109737	24.944	ug/L		99
38) Bromodichloromethane	9.646	83	133998	24.998	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	157951	25.385	ug/L		100
40) 4-Methyl-2-pentanone	10.213	43	139266	57.952	ug/L		99
42) Toluene	10.390	91	437725	24.647	ug/L		100
44) trans-1,3-Dichloropropene	10.610	75	139595	25.904	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	72757	26.143	ug/L		100
46) Tetrachloroethene	10.860	164	72419	22.651	ug/L		95
48) 2-Hexanone	10.969	43	95839	54.667	ug/L		98
49) Dibromochloromethane	11.128	129	80788	25.868	ug/L		100
50) 1,2-Dibromoethane	11.238	107	67327	26.308	ug/L	#	95
51) Chlorobenzene	11.658	112	262214	24.343	ug/L		97
52) Ethylbenzene	11.731	91	479793	24.746	ug/L		100
53) m,p-Xylene	11.841	106	177663	24.804	ug/L		99
54) o-Xylene	12.164	106	170608	25.435	ug/L		96
55) Styrene	12.183	104	299351	25.931	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	87184	26.349	ug/L		99
59) Bromoform	12.347	173	42037	24.584	ug/L		98
60) Isopropylbenzene	12.463	105	463771	24.410	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	66081	26.049	ug/L		99
62) 1,3,5-Trimethylbenzene	12.945	105	391054	25.439	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	388218	25.270	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	192951	24.143	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	188553	23.372	ug/L		98
67) 1,2-Dichlorobenzene	13.871	146	174957	24.554	ug/L		100
68) 1,2-Dibromo-3-chloropr...	14.481	75	14095	26.179	ug/L		96
69) 1,3,5-Trichlorobenzene	14.627	180	132502	23.339	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	108574	24.520	ug/L		97
71) Naphthalene	15.365	128	215841	27.984	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	93223	24.103	ug/L		96

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

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