Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062321\
Data File : VW019283.D
Acq On : 23 Jun 2021 11:18
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025121

Quant Time: Jun 24 01:02:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 18 01:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	558020	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	489151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	247498	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	131975	17.886	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.560%			
7) Chloroethane-d5	2.898	69	125698	20.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.000%			
11) 1,1-Dichloroethene-d2	4.032	63	322368	21.989	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.960%			
21) 2-Butanone-d5	7.086	46	70863	36.663	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.320%			
24) Chloroform-d	7.647	84	348523	23.231	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.920%			
26) 1,2-Dichloroethane-d4	8.305	65	174581	20.746	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.000%			
32) Benzene-d6	8.275	84	646348	23.192	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.760%			
36) 1,2-Dichloropropane-d6	9.274	67	197407	23.365	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.480%			
41) Toluene-d8	10.323	98	591612	23.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.440%			
43) trans-1,3-Dichloroprop...	10.579	79	76527	20.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.640%			
47) 2-Hexanone-d5	10.927	63	59198	41.319	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.640%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	148670	21.332	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.320%			
66) 1,2-Dichlorobenzene-d4	13.853	152	190065	22.002	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	173448	23.992	ug/L	98
3) Chloromethane	2.215	50	149222	22.326	ug/L	100
5) Vinyl chloride	2.367	62	255663	25.058	ug/L	97
6) Bromomethane	2.788	94	166414	21.935	ug/L	98
8) Chloroethane	2.934	64	150349	24.787	ug/L	98
9) Trichlorofluoromethane	3.269	101	160930	28.738	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	207763	25.939	ug/L	98
12) 1,1-Dichloroethene	4.044	96	203763	25.752	ug/L	97
13) Acetone	4.141	43	60776	35.485	ug/L	92
14) Carbon disulfide	4.391	76	595647	23.816	ug/L	100
15) Methyl Acetate	4.678	43	62814	18.234	ug/L	96
16) Methylene chloride	4.922	84	216640	20.923	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	215580	25.288	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	254059	23.054	ug/L	97
19) 1,1-Dichloroethane	6.220	63	387426	25.604	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	223177	25.143	ug/L	89
22) 2-Butanone	7.177	43	85458	37.317	ug/L	97
23) Bromochloromethane	7.519	128	90418	23.156	ug/L	95
25) Chloroform	7.677	83	392391	25.426	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	239304	22.898	ug/L		99
29) Cyclohexane	7.958	56	341863	26.858	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	318776	28.322	ug/L		99
31) Carbon tetrachloride	8.073	117	290646	27.967	ug/L		100
33) Benzene	8.323	78	859604	26.717	ug/L		100
34) Trichloroethene	9.092	95	228340	27.225	ug/L		96
35) Methylcyclohexane	9.335	83	393480	27.263	ug/L		99
37) 1,2-Dichloropropane	9.372	63	205460	25.996	ug/L		98
38) Bromodichloromethane	9.646	83	270334	26.370	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	313234	25.579	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	188311	40.008	ug/L		94
42) Toluene	10.390	91	934801	27.006	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	268953	24.881	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	139886	23.508	ug/L		96
46) Tetrachloroethene	10.860	164	171657	26.775	ug/L		97
48) 2-Hexanone	10.969	43	129999	41.085	ug/L		97
49) Dibromochloromethane	11.128	129	157563	23.890	ug/L		97
50) 1,2-Dibromoethane	11.238	107	128318	22.258	ug/L		99
51) Chlorobenzene	11.658	112	564620	26.425	ug/L		97
52) Ethylbenzene	11.731	91	1045008	27.443	ug/L		98
53) m,p-Xylene	11.841	106	388696	27.680	ug/L		98
54) o-Xylene	12.164	106	364056	27.216	ug/L		94
55) Styrene	12.182	104	622951	27.080	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	160478	21.883	ug/L		100
59) Bromoform	12.353	173	84399	22.135	ug/L	#	98
60) Isopropylbenzene	12.463	105	1022623	27.598	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	116967	21.124	ug/L		97
62) 1,3,5-Trimethylbenzene	12.945	105	833469	27.387	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	843622	27.770	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	416775	25.772	ug/L		92
65) 1,4-Dichlorobenzene	13.579	146	418006	25.279	ug/L		99
67) 1,2-Dichlorobenzene	13.871	146	374770	25.749	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23986	19.789	ug/L		94
69) 1,3,5-Trichlorobenzene	14.627	180	300731	25.738	ug/L		97
70) 1,2,4-trichlorobenzene	15.133	180	238446	24.865	ug/L		98
71) Naphthalene	15.365	128	420033	21.969	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	206515	24.306	ug/L		96

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

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