Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071421\
Data File : VW019484.D
Acq On : 14 Jul 2021 16:42
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025492

Quant Time: Jul 15 01:06:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 15 01:04:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	478258	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	428750	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	218091	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	170240	25.123	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.480%			
7) Chloroethane-d5	2.904	69	123688	25.596	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.400%			
11) 1,1-Dichloroethene-d2	4.038	63	327336	25.036	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.160%			
21) 2-Butanone-d5	7.086	46	101717	51.718	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.440%			
24) Chloroform-d	7.653	84	328437	24.854	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.400%			
26) 1,2-Dichloroethane-d4	8.311	65	177230	24.439	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.760%			
32) Benzene-d6	8.281	84	659969	25.859	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.440%			
36) 1,2-Dichloropropane-d6	9.281	67	203410	25.571	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.280%			
41) Toluene-d8	10.329	98	594236	25.825	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.280%			
43) trans-1,3-Dichloroprop...	10.579	79	86735	25.461	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.840%			
47) 2-Hexanone-d5	10.927	63	80488	54.539	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.080%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	166597	25.919	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	190772	24.792	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	149381	26.221	ug/L	97
3) Chloromethane	2.227	50	144417	24.703	ug/L	98
5) Vinyl chloride	2.379	62	210206	26.125	ug/L	97
6) Bromomethane	2.794	94	112063	25.188	ug/L	98
8) Chloroethane	2.934	64	115870	27.055	ug/L	98
9) Trichlorofluoromethane	3.270	101	119710	24.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	168398	26.933	ug/L	96
12) 1,1-Dichloroethene	4.056	96	166108	26.604	ug/L	90
13) Acetone	4.147	43	67394	46.504	ug/L	86
14) Carbon disulfide	4.397	76	525995	26.308	ug/L	100
15) Methyl Acetate	4.684	43	84547	26.212	ug/L	99
16) Methylene chloride	4.928	84	212028	22.238	ug/L	99
17) trans-1,2-Dichloroethene	5.440	96	177035	26.073	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	236798	25.243	ug/L	96
19) 1,1-Dichloroethane	6.226	63	328529	26.353	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	188813	26.292	ug/L	94
22) 2-Butanone	7.183	43	110461	49.260	ug/L	96
23) Bromochloromethane	7.519	128	81473	25.191	ug/L	99
25) Chloroform	7.683	83	320414	25.983	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	214812	25.892	ug/L		96
29) Cyclohexane	7.964	56	309845	28.181	ug/L		92
30) 1,1,1-Trichloroethane	7.878	97	250174	28.272	ug/L		99
31) Carbon tetrachloride	8.074	117	230964	28.054	ug/L		99
33) Benzene	8.330	78	739752	27.565	ug/L		100
34) Trichloroethene	9.098	95	185775	27.123	ug/L		95
35) Methylcyclohexane	9.335	83	335728	27.698	ug/L		95
37) 1,2-Dichloropropane	9.372	63	186372	27.404	ug/L		99
38) Bromodichloromethane	9.646	83	230515	27.335	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	277688	26.700	ug/L		100
40) 4-Methyl-2-pentanone	10.213	43	235825	54.940	ug/L		97
42) Toluene	10.390	91	778210	27.822	ug/L		98
44) trans-1,3-Dichloropropene	10.610	75	242541	26.512	ug/L		95
45) 1,1,2-Trichloroethane	10.786	97	136114	26.899	ug/L		98
46) Tetrachloroethene	10.866	164	138554	26.541	ug/L		95
48) 2-Hexanone	10.969	43	159944	54.710	ug/L		94
49) Dibromochloromethane	11.128	129	149731	27.515	ug/L		94
50) 1,2-Dibromoethane	11.238	107	128413	26.458	ug/L		95
51) Chlorobenzene	11.658	112	470853	26.770	ug/L		95
52) Ethylbenzene	11.731	91	841539	27.636	ug/L		96
53) m,p-Xylene	11.841	106	319387	27.753	ug/L		95
54) o-Xylene	12.164	106	304531	28.003	ug/L		93
55) Styrene	12.183	104	529832	28.119	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	166833	26.772	ug/L		99
59) Bromoform	12.353	173	83185	26.722	ug/L	#	96
60) Isopropylbenzene	12.463	105	832540	28.404	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	127525	26.693	ug/L		97
62) 1,3,5-Trimethylbenzene	12.945	105	700360	28.538	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	698293	28.239	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	351125	26.179	ug/L		98
65) 1,4-Dichlorobenzene	13.579	146	353116	26.644	ug/L		94
67) 1,2-Dichlorobenzene	13.865	146	321769	26.629	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28103	26.956	ug/L		98
69) 1,3,5-Trichlorobenzene	14.627	180	258252	26.351	ug/L		99
70) 1,2,4-trichlorobenzene	15.133	180	207543	25.330	ug/L		97
71) Naphthalene	15.365	128	450212	27.205	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	179509	24.464	ug/L		97

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

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