Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041221\
Data File : VW018633.D
Acq On : 12 Apr 2021 19:22
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025115

Quant Time: Apr 17 04:29:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 17 04:26:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	414038	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	227045	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108779	15.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.80%			
7) Chloroethane-d5	2.891	69	99050	17.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.36%			
11) 1,1-Dichloroethene-d2	4.031	63	203672	18.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.40%			
21) 2-Butanone-d5	7.080	46	74310	50.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.24%			
24) Chloroform-d	7.647	84	252417	21.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.72%			
26) 1,2-Dichloroethane-d4	8.305	65	149159	21.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.24%			
32) Benzene-d6	8.275	84	437962	20.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.68%			
36) 1,2-Dichloropropane-d6	9.274	67	140384	22.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.76%			
41) Toluene-d8	10.323	98	416177	19.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.12%			
43) trans-1,3-Dichloroprop...	10.579	79	64051	20.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.32%			
47) 2-Hexanone-d5	10.927	63	62818	50.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.44%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146840	24.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.12%			
66) 1,2-Dichlorobenzene-d4	13.853	152	167373	21.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	109072	22.31	ug/L	96
3) Chloromethane	2.215	50	139914	22.88	ug/L	97
5) Vinyl chloride	2.367	62	216268	23.35	ug/L	97
6) Bromomethane	2.782	94	143111	21.80	ug/L	99
8) Chloroethane	2.928	64	130104	24.06	ug/L	94
9) Trichlorofluoromethane	3.257	101	106379	25.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	156225	26.56	ug/L	95
12) 1,1-Dichloroethene	4.044	96	146071	24.84	ug/L	94
13) Acetone	4.117	43	53404	51.58	ug/L	85
14) Carbon disulfide	4.385	76	417052	23.56	ug/L	100
15) Methyl Acetate	4.672	43	72568	27.83	ug/L	99
16) Methylene chloride	4.922	84	159614	24.34	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	164907	25.87	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	215856	26.63	ug/L	97
19) 1,1-Dichloroethane	6.220	63	289969	26.59	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	180157	26.91	ug/L	93
22) 2-Butanone	7.165	43	93991	56.46	ug/L	99
23) Bromochloromethane	7.513	128	83803	26.87	ug/L	95
25) Chloroform	7.677	83	316045	26.70	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	225030	26.60	ug/L		99
29) Cyclohexane	7.958	56	243275	25.40	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	251146	26.90	ug/L		99
31) Carbon tetrachloride	8.067	117	247265	27.87	ug/L		97
33) Benzene	8.323	78	667069	26.99	ug/L		100
34) Trichloroethene	9.091	95	181306	26.55	ug/L		92
35) Methylcyclohexane	9.335	83	295577	25.57	ug/L		99
37) 1,2-Dichloropropane	9.366	63	165346	27.99	ug/L		100
38) Bromodichloromethane	9.646	83	236254	27.84	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	262910	27.09	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	220874	57.31	ug/L		98
42) Toluene	10.390	91	754466	26.89	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	237440	26.32	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	138195	27.82	ug/L		97
46) Tetrachloroethene	10.866	164	136685	26.55	ug/L		96
48) 2-Hexanone	10.969	43	152656	55.60	ug/L		97
49) Dibromochloromethane	11.128	129	159999	27.38	ug/L		92
50) 1,2-Dibromoethane	11.237	107	136314	27.00	ug/L		97
51) Chlorobenzene	11.658	112	481461	26.74	ug/L		96
52) Ethylbenzene	11.731	91	831148	26.17	ug/L		98
53) m,p-Xylene	11.841	106	322017	27.27	ug/L		100
54) o-Xylene	12.164	106	310870	27.07	ug/L		95
55) Styrene	12.182	104	534669	27.14	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	172897	27.41	ug/L		95
59) Bromoform	12.353	173	88840	25.15	ug/L	#	94
60) Isopropylbenzene	12.463	105	841788	26.07	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	131414	26.93	ug/L		99
62) 1,3,5-Trimethylbenzene	12.944	105	728378	26.75	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	716758	26.07	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	371520	25.95	ug/L		93
65) 1,4-Dichlorobenzene	13.578	146	384275	26.29	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	349923	26.48	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	29364	25.00	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.627	180	256906	24.60	ug/L		93
70) 1,2,4-trichlorobenzene	15.127	180	227667	25.87	ug/L		99
71) Naphthalene	15.365	128	495443	26.55	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	201705	25.55	ug/L		98

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

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