Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022521\
Data File : VW018236.D
Acq On : 25 Feb 2021 09:07
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025104

Quant Time: Feb 26 00:06:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 25 02:45:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	423865	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	377101	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	187266	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	126485	27.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.00%			
7) Chloroethane-d5	2.898	69	97333	26.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.08%			
11) 1,1-Dichloroethene-d2	4.025	63	257191	27.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.20%			
21) 2-Butanone-d5	7.074	46	49756	48.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.74%			
24) Chloroform-d	7.647	84	257094	24.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.92%			
26) 1,2-Dichloroethane-d4	8.305	65	124341	24.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%			
32) Benzene-d6	8.275	84	507232	25.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.32%			
36) 1,2-Dichloropropane-d6	9.275	67	137014	25.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.56%			
41) Toluene-d8	10.323	98	484213	25.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloroprop...	10.579	79	60939	24.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.16%			
47) 2-Hexanone-d5	10.921	63	43357	50.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.34%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	107161	24.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.32%			
66) 1,2-Dichlorobenzene-d4	13.853	152	173657	25.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	135949	26.96	ug/L	94
3) Chloromethane	2.221	50	101197	26.17	ug/L	99
5) Vinyl chloride	2.367	62	155340	27.95	ug/L	99
6) Bromomethane	2.782	94	102659	26.62	ug/L	99
8) Chloroethane	2.928	64	88113	28.33	ug/L	97
9) Trichlorofluoromethane	3.263	101	113329	28.50	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	151613	27.95	ug/L	88
12) 1,1-Dichloroethene	4.044	96	145508	27.72	ug/L	93
13) Acetone	4.117	43	36369	52.98	ug/L	88
14) Carbon disulfide	4.385	76	442541	27.59	ug/L	99
15) Methyl Acetate	4.666	43	44319	24.68	ug/L	94
16) Methylene chloride	4.916	84	136395	23.72	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	151070	26.98	ug/L	88
18) Methyl tert-butyl Ether	5.428	73	143385	25.69	ug/L	94
19) 1,1-Dichloroethane	6.214	63	233455	26.62	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	153399	26.37	ug/L	87
22) 2-Butanone	7.171	43	55241	50.57	ug/L	93
23) Bromochloromethane	7.513	128	70373	25.36	ug/L #	78
25) Chloroform	7.671	83	252542	26.45	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	148315	25.67	ug/L		95
29) Cyclohexane	7.958	56	215680	28.51	ug/L		94
30) 1,1,1-Trichloroethane	7.872	97	214249	28.27	ug/L		95
31) Carbon tetrachloride	8.067	117	211015	28.72	ug/L		98
33) Benzene	8.323	78	555442	27.58	ug/L		100
34) Trichloroethene	9.092	95	155518	27.62	ug/L		92
35) Methylcyclohexane	9.335	83	264559	28.41	ug/L		96
37) 1,2-Dichloropropane	9.366	63	123437	26.53	ug/L		98
38) Bromodichloromethane	9.640	83	178618	27.40	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	203346	27.26	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	125231	53.00	ug/L	#	90
42) Toluene	10.384	91	616667	27.79	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	175188	27.38	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	100585	26.41	ug/L		98
46) Tetrachloroethene	10.860	164	136391	27.33	ug/L		95
48) 2-Hexanone	10.969	43	87053	53.97	ug/L	#	91
49) Dibromochloromethane	11.128	129	129277	27.47	ug/L		97
50) 1,2-Dibromoethane	11.232	107	98265	26.33	ug/L	#	99
51) Chlorobenzene	11.658	112	399703	26.95	ug/L		93
52) Ethylbenzene	11.731	91	701738	28.04	ug/L		99
53) m,p-Xylene	11.835	106	267321	27.35	ug/L		97
54) o-Xylene	12.164	106	256041	27.72	ug/L		97
55) Styrene	12.176	104	425072	27.42	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	110452	25.91	ug/L		97
59) Bromoform	12.347	173	72554	27.23	ug/L	#	97
60) Isopropylbenzene	12.463	105	693728	28.37	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	79813	26.03	ug/L		95
62) 1,3,5-Trimethylbenzene	12.938	105	580951	28.36	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	584928	28.65	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	320524	27.28	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	321605	27.32	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	283979	26.93	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17808	26.72	ug/L	#	73
69) 1,3,5-Trichlorobenzene	14.627	180	254437	28.15	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	202067	27.03	ug/L		97
71) Naphthalene	15.365	128	364529	27.76	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	184138	28.12	ug/L		95

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

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