Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050621\
Data File : VW018938.D
Acq On : 06 May 2021 10:14
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025113

Quant Time: May 07 01:21:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 06 01:11:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	637344	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	570386	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	286756	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	169492	20.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.92%			
7) Chloroethane-d5	2.891	69	132678	20.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.76%			
11) 1,1-Dichloroethene-d2	4.025	63	385951	23.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.08%			
21) 2-Butanone-d5	7.074	46	113836	53.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.90%			
24) Chloroform-d	7.647	84	421431	25.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.76%			
26) 1,2-Dichloroethane-d4	8.305	65	245621	26.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.16%			
32) Benzene-d6	8.275	84	764352	23.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.88%			
36) 1,2-Dichloropropane-d6	9.274	67	235640	24.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.60%			
41) Toluene-d8	10.323	98	722917	24.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloroprop...	10.579	79	107984	24.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.40%			
47) 2-Hexanone-d5	10.920	63	90824	53.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.12%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	205499	25.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.48%			
66) 1,2-Dichlorobenzene-d4	13.853	152	238299	24.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	156481	25.86	ug/L	98
3) Chloromethane	2.215	50	118421	20.84	ug/L	100
5) Vinyl chloride	2.367	62	193613	21.00	ug/L	99
6) Bromomethane	2.782	94	121142	18.76	ug/L	98
8) Chloroethane	2.928	64	114178	20.58	ug/L	99
9) Trichlorofluoromethane	3.263	101	152517	21.32	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	189519	22.99	ug/L	98
12) 1,1-Dichloroethene	4.044	96	186307	22.57	ug/L	85
13) Acetone	4.123	43	81774	50.12	ug/L	99
14) Carbon disulfide	4.391	76	543976	22.26	ug/L	98
15) Methyl Acetate	4.665	43	79769	23.98	ug/L	99
16) Methylene chloride	4.915	84	208501	19.79	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	193758	21.89	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	251175	20.57	ug/L	99
19) 1,1-Dichloroethane	6.214	63	355240	23.36	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	206540	22.10	ug/L	100
22) 2-Butanone	7.171	43	110174	48.70	ug/L	100
23) Bromochloromethane	7.513	128	87793	21.31	ug/L	95
25) Chloroform	7.677	83	372065	23.38	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu May 06 01:11:01 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	262631	24.24	ug/L	99
29) Cyclohexane	7.958	56	319940	23.40	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	299085	23.67	ug/L	99
31) Carbon tetrachloride	8.067	117	273400	23.74	ug/L	99
33) Benzene	8.323	78	787494	23.06	ug/L	100
34) Trichloroethene	9.091	95	211330	23.20	ug/L	94
35) Methylcyclohexane	9.335	83	356816	22.27	ug/L	96
37) 1,2-Dichloropropane	9.366	63	191241	23.22	ug/L	99
38) Bromodichloromethane	9.646	83	263861	24.27	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	302168	23.04	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	243757	47.67	ug/L	99
42) Toluene	10.384	91	854856	22.75	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	272426	23.70	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	142179	21.74	ug/L	96
46) Tetrachloroethene	10.859	164	151466	22.11	ug/L	92
48) 2-Hexanone	10.969	43	169451	50.89	ug/L	97
49) Dibromochloromethane	11.128	129	162382	22.93	ug/L	96
50) 1,2-Dibromoethane	11.231	107	138381	21.82	ug/L	95
51) Chlorobenzene	11.658	112	515192	22.42	ug/L	96
52) Ethylbenzene	11.731	91	959475	23.02	ug/L	96
53) m,p-Xylene	11.841	106	348421	22.50	ug/L	97
54) o-Xylene	12.164	106	328196	22.24	ug/L	90
55) Styrene	12.176	104	564610	22.76	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	177401	22.44	ug/L	99
59) Bromoform	12.347	173	86382	21.77	ug/L	99
60) Isopropylbenzene	12.463	105	925863	22.62	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	135851	22.35	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	786775	23.03	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	787085	23.03	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	370151	21.44	ug/L	84
65) 1,4-Dichlorobenzene	13.578	146	391670	22.47	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	355617	22.76	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	30917	23.92	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	272759	21.90	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	224313	21.69	ug/L	95
71) Naphthalene	15.365	128	485746	22.26	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	207360	22.73	ug/L	98

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

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