Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
Data File : VW018746.D
Acq On : 22 Apr 2021 19:30
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025118

Quant Time: Apr 23 02:05:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 23 01:53:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	573228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	509877	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	256181	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151319	17.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.48%			
7) Chloroethane-d5	2.891	69	133412	17.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.12%			
11) 1,1-Dichloroethene-d2	4.025	63	334137	22.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.36%			
21) 2-Butanone-d5	7.080	46	92925	46.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.72%			
24) Chloroform-d	7.647	84	393511	25.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.04%			
26) 1,2-Dichloroethane-d4	8.305	65	203568	23.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.08%			
32) Benzene-d6	8.275	84	729905	24.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	9.274	67	223815	24.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.32%			
41) Toluene-d8	10.323	98	688032	25.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.60%			
43) trans-1,3-Dichloroprop...	10.579	79	96952	25.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.04%			
47) 2-Hexanone-d5	10.927	63	80029	51.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.12%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	185409	24.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.52%			
66) 1,2-Dichlorobenzene-d4	13.853	152	232989	25.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	146386	26.83	ug/L	97
3) Chloromethane	2.215	50	121841	16.35	ug/L	99
5) Vinyl chloride	2.367	62	223994	20.85	ug/L	98
6) Bromomethane	2.782	94	156504	18.28	ug/L	97
8) Chloroethane	2.928	64	140752	20.53	ug/L	96
9) Trichlorofluoromethane	3.263	101	150977	25.09	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	205993	26.97	ug/L	96
12) 1,1-Dichloroethene	4.044	96	197231	26.17	ug/L	96
13) Acetone	4.117	43	61334	42.61	ug/L	90
14) Carbon disulfide	4.385	76	526040	23.45	ug/L	98
15) Methyl Acetate	4.672	43	73489	22.39	ug/L	94
16) Methylene chloride	4.921	84	211812	22.55	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	216086	26.66	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	282504	26.05	ug/L	97
19) 1,1-Dichloroethane	6.220	63	392617	26.34	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	235271	27.29	ug/L	99
22) 2-Butanone	7.165	43	97326	44.50	ug/L	94
23) Bromochloromethane	7.512	128	98367	26.35	ug/L	94
25) Chloroform	7.677	83	407252	26.92	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Apr 23 01:53:36 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	258793	25.14	ug/L	99
29) Cyclohexane	7.958	56	332359	26.47	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	321456	28.81	ug/L	99
31) Carbon tetrachloride	8.067	117	294430	29.27	ug/L	99
33) Benzene	8.323	78	883594	27.60	ug/L	100
34) Trichloroethene	9.091	95	231985	28.14	ug/L	93
35) Methylcyclohexane	9.335	83	388114	27.08	ug/L	98
37) 1,2-Dichloropropane	9.372	63	214000	26.40	ug/L	99
38) Bromodichloromethane	9.646	83	288384	27.95	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	335473	27.88	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	231632	46.51	ug/L	93
42) Toluene	10.390	91	977061	28.43	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	288405	27.45	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	160626	26.71	ug/L	96
46) Tetrachloroethene	10.859	164	173258	29.74	ug/L	97
48) 2-Hexanone	10.969	43	155631	49.44	ug/L	92
49) Dibromochloromethane	11.128	129	183878	28.69	ug/L	100
50) 1,2-Dibromoethane	11.237	107	153950	26.91	ug/L	100
51) Chlorobenzene	11.658	112	588105	27.79	ug/L	99
52) Ethylbenzene	11.731	91	1077389	28.38	ug/L	98
53) m,p-Xylene	11.841	106	410745	29.49	ug/L	99
54) o-Xylene	12.164	106	388414	29.05	ug/L	98
55) Styrene	12.182	104	670728	29.00	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	188885	25.22	ug/L	100
59) Bromoform	12.347	173	93350	25.56	ug/L	98
60) Isopropylbenzene	12.463	105	1075167	28.53	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	138113	23.60	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	905484	29.01	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	919558	29.52	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	456376	28.58	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	462456	28.63	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	411697	28.03	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	29351	24.13	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	333958	29.30	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	271077	29.21	ug/L	96
71) Naphthalene	15.365	128	527760	27.00	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	242369	29.59	ug/L	97

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

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