Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
Data File : VW018996.D
Acq On : 14 May 2021 11:20
Operator : SY/VA
Sample : VSTD05003
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD050103

Quant Time: May 14 11:39:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 14 11:35:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	597246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	542688	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	281981	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	283054	40.99	ug/L	0.00
7) Chloroethane-d5	2.892	69	248816	43.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	611348	45.20	ug/L	0.00
21) 2-Butanone-d5	7.080	46	157840	101.32	ug/L	0.00
24) Chloroform-d	7.647	84	655539	44.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	345361	45.32	ug/L	0.00
32) Benzene-d6	8.275	84	1287543	44.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	383587	44.80	ug/L	0.00
41) Toluene-d8	10.323	98	1223747	45.17	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	176281	48.32	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	138151	107.71	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	321227	48.43	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	425431	45.00	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	305819	54.97	ug/L	96
3) Chloromethane	2.221	50	310952	55.86	ug/L	99
5) Vinyl chloride	2.367	62	419704	49.32	ug/L	97
6) Bromomethane	2.782	94	313727	47.60	ug/L	97
8) Chloroethane	2.928	64	267490	50.22	ug/L	99
9) Trichlorofluoromethane	3.263	101	281781	48.02	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	376161	50.85	ug/L	96
12) 1,1-Dichloroethene	4.044	96	376274	50.93	ug/L	96
13) Acetone	4.129	43	114078	99.99	ug/L	89
14) Carbon disulfide	4.391	76	1110926	50.55	ug/L	100
15) Methyl Acetate	4.672	43	140439	55.12	ug/L	96
16) Methylene chloride	4.916	84	382485	39.76	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	400052	50.02	ug/L	94
18) Methyl tert-butyl Ether	5.422	73	501373	49.53	ug/L	97
19) 1,1-Dichloroethane	6.220	63	689513	49.62	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	421503	49.69	ug/L	98
22) 2-Butanone	7.171	43	183282	106.24	ug/L	96
23) Bromochloromethane	7.513	128	182773	49.04	ug/L	94
25) Chloroform	7.677	83	714975	49.47	ug/L	99
27) 1,2-Dichloroethane	8.403	62	455484	49.50	ug/L	98
29) Cyclohexane	7.958	56	637169	53.19	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	563554	49.66	ug/L	98
31) Carbon tetrachloride	8.067	117	522062	50.57	ug/L	99
33) Benzene	8.323	78	1575855	49.80	ug/L	100
34) Trichloroethene	9.092	95	422546	50.65	ug/L	98
35) Methylcyclohexane	9.336	83	737770	52.13	ug/L	99
37) 1,2-Dichloropropane	9.366	63	378411	49.65	ug/L	99
38) Bromodichloromethane	9.646	83	512450	51.05	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	613988	53.06	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	425210	108.94	ug/L	93
42) Toluene	10.390	91	1737010	50.08	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	540281	54.24	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	288387	50.92	ug/L		98
46) Tetrachloroethene	10.866	164	342060	51.96	ug/L		96
48) 2-Hexanone	10.969	43	293877	118.62	ug/L		91
49) Dibromochloromethane	11.128	129	337051	52.28	ug/L		96
50) 1,2-Dibromoethane	11.238	107	280424	51.94	ug/L		95
51) Chlorobenzene	11.658	112	1085661	49.83	ug/L		99
52) Ethylbenzene	11.731	91	1946229	51.22	ug/L		100
53) m,p-Xylene	11.841	106	750016	51.90	ug/L		100
54) o-Xylene	12.164	106	712952	52.11	ug/L		96
55) Styrene	12.183	104	1227490	52.53	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	348835	52.92	ug/L		99
59) Bromoform	12.347	173	186912	51.63	ug/L		95
60) Isopropylbenzene	12.463	105	2008233	52.90	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	255385	52.08	ug/L		99
62) 1,3,5-Trimethylbenzene	12.945	105	1655240	52.83	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	1672183	53.19	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	852875	50.70	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	836813	48.92	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	752184	49.74	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	56496	55.57	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.627	180	616404	50.01	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	507453	50.60	ug/L		97
71) Naphthalene	15.365	128	994653	55.49	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	463829	53.21	ug/L		93

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

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