Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081820\
Data File : VX017953.D
Acq On : 18 Aug 2020 09:57
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00579

Quant Time: Aug 19 01:27:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 00:59:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	283045	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	283965	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	150212	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	82579	4.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.40%			
7) Chloroethane-d5	1.70	69	70365	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.34	63	184914	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.80%			
20) 2-Butanone-d5	4.54	46	281836	54.26	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.52%			
24) Chloroform-d	5.14	84	199400	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	6.03	65	112413	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	6.05	84	345043	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	7.37	67	112883	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	8.70	98	324576	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
45) trans-1,3-Dichloropropene-	8.99	79	48646	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
48) 2-Hexanone-d5	9.43	63	226677	52.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.52%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	96646	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
65) 1,2-Dichlorobenzene-d4	12.36	152	131997	4.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	157304	4.780	ug/L	98
3) Chloromethane	1.31	50	133803	4.979	ug/L	100
5) Vinyl chloride	1.39	62	135340	5.077	ug/L	93
6) Bromomethane	1.64	94	82512	5.318	ug/L	98
8) Chloroethane	1.72	64	75777	5.082	ug/L	99
9) Trichlorofluoromethane	1.92	101	230933	5.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	129650	5.538	ug/L	98
12) 1,1-Dichloroethene	2.36	96	115295	5.314	ug/L	96
13) Acetone	2.43	43	191023	50.336	ug/L	99
14) Carbon disulfide	2.55	76	356492	4.575	ug/L	98
15) Methyl Acetate	2.76	43	50308	4.496	ug/L	95
16) Methylene chloride	2.84	84	137099	4.575	ug/L	97
17) Methyl tert-butyl Ether	3.17	73	267505	4.605	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	119875	4.870	ug/L	95
19) 1,1-Dichloroethane	3.67	63	231216	5.265	ug/L	98
21) 2-Butanone	4.64	43	307292	46.884	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	129769	5.024	ug/L #	99

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00579

Quant Time: Aug 19 01:27:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 00:59:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.98	128	64699	5.352	ug/L		96
25) Chloroform	5.18	83	260288	5.504	ug/L		99
27) 1,2-Dichloroethane	6.16	62	154653	5.098	ug/L		97
29) 1,1,1-Trichloroethane	5.46	97	237145	5.090	ug/L		99
30) Cyclohexane	5.55	56	174297	4.312	ug/L		100
31) Carbon tetrachloride	5.76	117	218503	5.089	ug/L		98
33) Benzene	6.11	78	499283	4.967	ug/L		100
34) Trichloroethene	7.18	95	136530	4.652	ug/L		96
35) Methylcyclohexane	7.44	83	185119	4.487	ug/L		97
37) 1,2-Dichloropropane	7.49	63	135062	5.343	ug/L		99
38) Bromodichloromethane	7.87	83	178101	5.057	ug/L		95
39) cis-1,3-Dichloropropene	8.42	75	177729	4.566	ug/L		96
40) 4-Methyl-2-pentanone	8.62	43	755966	45.929	ug/L		98
42) Toluene	8.76	91	547947	5.021	ug/L		99
43) 1,3,5-Trimethylbenzene	11.49	105	465680	4.675	ug/L		98
44) 1,2,4-Trimethylbenzene	11.79	105	482422	4.756	ug/L		99
46) trans-1,3-Dichloropropene	9.02	75	160496	4.623	ug/L		100
47) 1,1,2-Trichloroethane	9.20	97	93662	4.938	ug/L		99
49) Tetrachloroethene	9.32	164	113288	4.826	ug/L		99
50) 2-Hexanone	9.47	43	564135	47.817	ug/L		99
51) Dibromochloromethane	9.56	129	125448	4.801	ug/L		93
52) 1,2-Dibromoethane	9.65	107	89708	4.831	ug/L	#	98
53) Chlorobenzene	10.12	112	354791	4.995	ug/L		97
54) Ethylbenzene	10.23	91	571951	4.802	ug/L		99
55) m,p-xylene	10.34	106	226527	4.981	ug/L		98
56) o-xylene	10.68	106	213255	4.837	ug/L		95
57) Styrene	10.70	104	378434	5.075	ug/L		98
58) Isopropylbenzene	11.00	105	579790	4.913	ug/L		99
60) 1,1,2,2-Tetrachloroethane	11.25	83	104267	5.005	ug/L		99
62) Bromoform	10.84	173	72856	4.850	ug/L		95
63) 1,3-Dichlorobenzene	12.01	146	288238	4.927	ug/L		99
64) 1,4-Dichlorobenzene	12.08	146	290335	4.989	ug/L		97
66) 1,2-Dichlorobenzene	12.38	146	272244	5.010	ug/L		96
67) 1,2-Dibromo-3-chloropropan	12.98	75	21757	4.609	ug/L		90
68) 1,3,5-Trichlorobenzene	13.15	180	210669	4.876	ug/L		98
69) 1,2,4-trichlorobenzene	13.63	180	176597	4.617	ug/L		97
70) Naphthalene	13.82	128	297891	4.240	ug/L		98
71) 1,2,3-Trichlorobenzene	14.01	180	166609	4.630	ug/L		97

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

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