Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122820\
Data File : VV019853.D
Acq On : 28 Dec 2020 16:41
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05075

Manual Integrations APPROVED
MMDadoda
12/29/2020 11:33:09 AM

Quant Time: Dec 29 03:27:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 29 03:03:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	552152	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	524196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	265450	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	226592	53.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.06%			
7) Chloroethane-d5	1.57	69	182549	53.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.50%			
11) 1,1-Dichloroethene-d2	2.11	63	419128	51.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.80%			
21) 2-Butanone-d5	3.89	46	348218	109.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.95%			
24) Chloroform-d	4.35	84	431846	53.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.98%			
26) 1,2-Dichloroethane-d4	5.03	65	289858	54.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.86%			
32) Benzene-d6	5.05	84	807477	53.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.98%			
36) 1,2-Dichloropropane-d6	6.07	67	263414	53.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.14%			
41) Toluene-d8	7.32	98	702490	52.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.58%			
43) trans-1,3-Dichloropropene-	7.62	79	132632	53.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.52%			
47) 2-Hexanone-d5	8.09	63	232351	113.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.27%			
57) 1,1,2,2-Tetrachloroethane-	10.22	84	349300	54.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.22%			
64) 1,2-Dichlorobenzene-d4	11.63	152	262160	51.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	223763	52.206	ug/L	100
3) Chloromethane	1.24	50	282027	53.727	ug/L	100
5) Vinyl chloride	1.31	62	270684	52.778	ug/L	100
6) Bromomethane	1.52	94	168844	54.343	ug/L	100
8) Chloroethane	1.59	64	171529	53.798	ug/L	99
9) Trichlorofluoromethane	1.75	101	324163	52.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	179385	51.264	ug/L	97
12) 1,1-Dichloroethene	2.12	96	182261	51.908	ug/L	87
13) Acetone	2.18	43	249768	101.877	ug/L	100
14) Carbon disulfide	2.29	76	580068	50.711	ug/L	100
15) Methyl Acetate	2.43	43	268351	53.871	ug/L	100
16) Methylene chloride	2.51	84	238195	54.014	ug/L	99
17) trans-1,2-Dichloroethene	2.76	96	207918	52.925	ug/L	97
18) Methyl tert-butyl Ether	2.77	73	731449	55.145	ug/L	100
19) 1,1-Dichloroethane	3.19	63	424634	53.565	ug/L	99
20) cis-1,2-Dichloroethene	3.91	96	228682m	53.205	ug/L	
22) 2-Butanone	3.97	43	385237	111.920	ug/L	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.25	128	115212	54.250 ug/L	97
25) Chloroform	4.38	83	423442	54.146 ug/L	98
27) 1,2-Dichloroethane	5.13	62	355850	55.191 ug/L	99
29) Cyclohexane	4.68	56	342660	51.056 ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	349228	52.036 ug/L	99
31) Carbon tetrachloride	4.83	117	283657	51.361 ug/L	98
33) Benzene	5.10	78	890132	53.988 ug/L	100
34) Trichloroethene	5.91	95	227489	52.010 ug/L	98
35) Methylcyclohexane	6.13	83	336632	51.319 ug/L	99
37) 1,2-Dichloropropane	6.18	63	242171	54.696 ug/L	99
38) Bromodichloromethane	6.51	83	315115	54.438 ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	353736	51.868 ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	738665	111.417 ug/L	99
42) Toluene	7.39	91	895728	53.037 ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	357680	53.772 ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	220840	54.376 ug/L	99
46) Tetrachloroethene	7.98	164	146028	49.992 ug/L	97
48) 2-Hexanone	8.14	43	561469	109.541 ug/L	100
49) Dibromochloromethane	8.25	129	228926	54.512 ug/L	98
50) 1,2-Dibromoethane	8.35	107	231044	54.204 ug/L	99
51) Chlorobenzene	8.88	112	565082	52.470 ug/L	99
52) Ethylbenzene	9.02	91	985641	51.863 ug/L	100
53) m,p-Xylene	9.14	106	363778	52.553 ug/L	98
54) o-xylene	9.55	106	357381	52.809 ug/L	99
55) Styrene	9.56	104	634597	53.954 ug/L	99
56) Isopropylbenzene	9.94	105	949718	52.400 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	350769	54.377 ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	302596	53.759 ug/L	100
61) Bromoform	9.74	173	144305	52.858 ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	416367	51.524 ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	424997	51.135 ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	428196	51.909 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	88684	56.480 ug/L	92
67) 1,3,5-Trichlorobenzene	12.65	180	305355	52.374 ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	284979	54.897 ug/L	99
69) Naphthalene	13.51	128	952823	58.355 ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	275897	54.684 ug/L	98

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

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