Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\
Data File : VV013731.D
Acq On : 22 Nov 2019 13:20
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV31

Quant Time: Nov 22 13:49:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 12:24:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	505711	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	492744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	265729	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	143315	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.58	69	122573	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.13	63	248690	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	3.95	46	309380	47.55	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.10%			
24) Chloroform-d	4.39	84	288432	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.08	65	135368	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	5.09	84	575749	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.11	67	166886	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	7.35	98	558622	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.66	79	65076	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.13	63	260593	47.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.82%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	116920	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	218680	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	173007	5.137	ug/L	97
3) Chloromethane	1.25	50	144251	4.877	ug/L	99
5) Vinyl chloride	1.32	62	154032	5.098	ug/L	97
6) Bromomethane	1.53	94	84111	5.287	ug/L	99
8) Chloroethane	1.60	64	93711	5.147	ug/L	99
9) Trichlorofluoromethane	1.77	101	237750	5.068	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	143353	5.142	ug/L	99
12) 1,1-Dichloroethene	2.14	96	122118	5.023	ug/L	93
13) Acetone	2.22	43	226276	49.729	ug/L #	62
14) Carbon disulfide	2.31	76	283410	5.049	ug/L	98
15) Methyl Acetate	2.47	43	50067	4.915	ug/L	98
16) Methylene chloride	2.53	84	154234	4.631	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	339018	5.095	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	138322	5.038	ug/L	99
19) 1,1-Dichloroethane	3.22	63	282867	5.161	ug/L	97
21) 2-Butanone	4.04	43	369583	53.735	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	165093	5.128	ug/L	95

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 12:24:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	71957	5.086	ug/L	98
25) Chloroform	4.42	83	298092	5.130	ug/L	99
27) 1,2-Dichloroethane	5.17	62	170971	5.141	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	254877	5.057	ug/L	99
30) Cyclohexane	4.72	56	217080	5.155	ug/L	98
31) Carbon tetrachloride	4.87	117	222601	5.020	ug/L	100
33) Benzene	5.14	78	614714	5.086	ug/L	100
34) Trichloroethene	5.95	95	166752	5.001	ug/L	96
35) Methylcyclohexane	6.17	83	233296	5.244	ug/L	96
37) 1,2-Dichloropropane	6.22	63	155427	5.003	ug/L	99
38) Bromodichloromethane	6.55	83	199896	4.877	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	225723	5.121	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	929824	51.299	ug/L	99
42) Toluene	7.42	91	686259	5.293	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	177464	5.144	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	110826	5.006	ug/L	98
47) Tetrachloroethene	8.01	164	150326	5.192	ug/L	97
48) 2-Hexanone	8.18	43	687896	53.169	ug/L	98
49) Dibromochloromethane	8.28	129	142328	5.013	ug/L	99
50) 1,2-Dibromoethane	8.39	107	100363	5.006	ug/L	97
51) Chlorobenzene	8.92	112	453950	5.032	ug/L	98
52) Ethylbenzene	9.05	91	756395	5.371	ug/L	99
53) m,p-xylene	9.18	106	293400	5.465	ug/L	98
54) o-xylene	9.58	106	282905	5.397	ug/L	98
55) Styrene	9.60	104	493091	5.448	ug/L	98
56) Isopropylbenzene	9.97	105	775315	5.428	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	122018	5.016	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	94693	4.966	ug/L	97
61) Bromoform	9.77	173	87083	5.207	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	412097	5.338	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	404401	5.147	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	369453	5.157	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	19198	4.611	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	340010	5.214	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	283403	5.300	ug/L	100
69) Naphthalene	13.55	128	371145	5.097	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	255060	5.235	ug/L	99

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

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