Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071219\
Data File : VV011867.D
Acq On : 12 Jul 2019 13:39
Operator : SY/MD
Sample : VSTDICV005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV34

Quant Time: Jul 13 04:15:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:09:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190858	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	183415	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	90112	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62954	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	1.58	69	49694	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.13	63	106685	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	3.95	46	147022	48.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.68%			
24) Chloroform-d	4.40	84	118372	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.08	65	62260	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.10	84	234613	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.12	67	70770	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.36	98	221405	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.66	79	26772	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.14	63	110580	49.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.72%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43384	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	75751	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	96032	5.113	ug/L	99
3) Chloromethane	1.25	50	91240	4.931	ug/L	98
5) Vinyl chloride	1.32	62	90033	4.994	ug/L	99
6) Bromomethane	1.54	94	51649	5.022	ug/L	96
8) Chloroethane	1.60	64	52941	4.936	ug/L	100
9) Trichlorofluoromethane	1.77	101	119624	5.085	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	57657	5.188	ug/L	98
12) 1,1-Dichloroethene	2.14	96	51984	5.098	ug/L	97
13) Acetone	2.21	43	98459	53.348	ug/L	98
14) Carbon disulfide	2.32	76	162576	5.928	ug/L	98
15) Methyl Acetate	2.47	43	21724	4.951	ug/L	99
16) Methylene chloride	2.53	84	50781	4.701	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	158486	5.380	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	71411	5.271	ug/L	91
19) 1,1-Dichloroethane	3.23	63	137010	5.354	ug/L	99
21) 2-Butanone	4.04	43	186674	55.756	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	75673	5.214	ug/L	93

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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV34

Quant Time: Jul 13 04:15:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:09:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	31117	5.072	ug/L		92
25) Chloroform	4.42	83	138483	4.907	ug/L		97
27) 1,2-Dichloroethane	5.18	62	86330	5.315	ug/L		97
29) 1,1,1-Trichloroethane	4.66	97	116845	5.054	ug/L		98
30) Cyclohexane	4.72	56	125510	5.288	ug/L		96
31) Carbon tetrachloride	4.87	117	100791	5.099	ug/L		99
33) Benzene	5.14	78	295131	5.169	ug/L		100
34) Trichloroethene	5.96	95	81366	4.995	ug/L		96
35) Methylcyclohexane	6.17	83	128990	5.394	ug/L		98
37) 1,2-Dichloropropane	6.22	63	74907	5.241	ug/L		98
38) Bromodichloromethane	6.55	83	86570	5.006	ug/L	#	98
39) cis-1,3-Dichloropropene	7.07	75	103908	5.306	ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	461882	54.362	ug/L		100
42) Toluene	7.43	91	322161	5.375	ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	80119	5.280	ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	47696	4.984	ug/L		95
47) Tetrachloroethene	8.02	164	60990	5.083	ug/L		99
48) 2-Hexanone	8.19	43	333474	54.639	ug/L		100
49) Dibromochloromethane	8.29	129	52979	5.034	ug/L		100
50) 1,2-Dibromoethane	8.40	107	45449	5.144	ug/L		100
51) Chlorobenzene	8.92	112	199053	5.134	ug/L		97
52) Ethylbenzene	9.05	91	350395	5.291	ug/L		99
53) m,p-xylene	9.18	106	134496	5.503	ug/L		96
54) o-xylene	9.59	106	125142	5.370	ug/L		99
55) Styrene	9.60	104	216239	5.501	ug/L		99
56) Isopropylbenzene	9.97	105	343329	5.399	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.29	83	47267	5.011	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	41190	4.847	ug/L		100
61) Bromoform	9.77	173	25750	5.144	ug/L		98
62) 1,3-Dichlorobenzene	11.22	146	152522	5.241	ug/L		98
63) 1,4-Dichlorobenzene	11.32	146	154342	5.122	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	143560	5.213	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8311	4.909	ug/L		90
67) 1,3,5-Trichlorobenzene	12.69	180	121048	5.292	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	98283	5.426	ug/L		100
69) Naphthalene	13.55	128	152346	5.695	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	90477	5.500	ug/L		99

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

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