Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091818\

Quantitation Report (QT Reviewed)

Data File : VV007603.D
Acq On : 18 Sep 2018 15:06
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV71

Quant Time: Sep 19 01:43:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121274	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29074	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.59	69	25885	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.14	63	71201	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.80%			
20) 2-Butanone-d5	3.97	46	45477	57.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.10%			
24) Chloroform-d	4.41	84	62253	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.09	65	30582	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.10	84	119344	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.12	67	34510	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.36	98	127480	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	7.67	79	14959	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
46) 2-Hexanone-d5	8.15	63	27806	51.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.32%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23390	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	54224	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	48959	4.912	ug/L	98
3) Chloromethane	1.25	50	36924	5.018	ug/L	99
5) Vinyl chloride	1.32	62	42104	5.043	ug/L	97
6) Bromomethane	1.54	94	30826	4.990	ug/L	96
8) Chloroethane	1.60	64	25763	5.036	ug/L	98
9) Trichlorofluoromethane	1.77	101	84659	5.044	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47186	5.080	ug/L	99
12) 1,1-Dichloroethene	2.14	96	41666	4.925	ug/L	95
13) Acetone	2.21	43	28220	41.573	ug/L	86
14) Carbon disulfide	2.32	76	120532	4.874	ug/L	100
15) Methyl Acetate	2.47	43	11539	5.821	ug/L	97
16) Methylene chloride	2.54	84	41155	4.605	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	92339	5.014	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	45660	5.013	ug/L	98
19) 1,1-Dichloroethane	3.23	63	59815	5.074	ug/L	97
21) 2-Butanone	4.05	43	48962	46.338	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	41610	5.048	ug/L	100

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Quantitation Report (QT Reviewed)

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Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV71

Quant Time: Sep 19 01:43:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18547	4.959	ug/L	97
25) Chloroform	4.43	83	69570	4.987	ug/L	96
27) 1,2-Dichloroethane	5.19	62	39288	4.930	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	67005	5.107	ug/L	99
30) Cyclohexane	4.72	56	56620	4.957	ug/L	99
31) Carbon tetrachloride	4.88	117	62543	5.097	ug/L	98
33) Benzene	5.15	78	144726	5.025	ug/L	100
34) Trichloroethene	5.96	95	45794	4.779	ug/L	97
35) Methylcyclohexane	6.18	83	69671	5.009	ug/L	100
37) 1,2-Dichloropropane	6.23	63	33839	5.161	ug/L	100
38) Bromodichloromethane	6.56	83	47434	5.000	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	53963	4.983	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	186499	48.577	ug/L	100
42) Toluene	7.43	91	167521	5.015	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	42708	4.923	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	26702	5.001	ug/L	97
47) Tetrachloroethene	8.02	164	42286	4.897	ug/L	99
48) 2-Hexanone	8.20	43	143939	48.645	ug/L	99
49) Dibromochloromethane	8.30	129	36234	5.130	ug/L	98
50) 1,2-Dibromoethane	8.40	107	26628	5.022	ug/L	97
51) Chlorobenzene	8.93	112	115278	4.979	ug/L	98
52) Ethylbenzene	9.06	91	188457	4.961	ug/L	99
53) m,p-xylene	9.18	106	74981	4.908	ug/L	99
54) o-xylene	9.59	106	72613	5.064	ug/L	97
55) Styrene	9.61	104	118880	4.976	ug/L	98
56) Isopropylbenzene	9.98	105	195495	4.913	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23484	4.850	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	21017	4.795	ug/L	97
61) Bromoform	9.78	173	20519	4.857	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	101481	4.817	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	100577	4.835	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	93478	4.837	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3917	4.798	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	82487	4.957	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	62761	5.374	ug/L	98
69) Naphthalene	13.56	128	70703	5.184	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	56964	5.308	ug/L	99

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

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