Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092718\
Data File : VV007895.D
Acq On : 26 Sep 2018 20:51
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV73

Quant Time: Sep 27 07:07:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 07:04:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95027	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26793	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.59	69	22995	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.14	63	58394	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	3.96	46	84441	55.11	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.22%			
24) Chloroform-d	4.41	84	60900	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.09	65	32993	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.10	84	114346	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
36) 1,2-Dichloropropane-d6	6.13	67	36138	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.36	98	117720	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
43) trans-1,3-Dichloropropene-	7.67	79	14074	5.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.80%			
46) 2-Hexanone-d5	8.14	63	66856	57.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.84%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	29242	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	49183	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	40795	5.118	ug/L	99
3) Chloromethane	1.25	50	35143	4.956	ug/L	100
5) Vinyl chloride	1.32	62	38009	5.007	ug/L	98
6) Bromomethane	1.54	94	23503	5.019	ug/L	99
8) Chloroethane	1.60	64	21957	4.796	ug/L	100
9) Trichlorofluoromethane	1.77	101	61804	4.987	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35340	5.028	ug/L	97
12) 1,1-Dichloroethene	2.14	96	30914	4.922	ug/L	97
13) Acetone	2.21	43	54864	49.143	ug/L	98
14) Carbon disulfide	2.32	76	83492	4.903	ug/L	99
15) Methyl Acetate	2.47	43	14077	4.930	ug/L	97
16) Methylene chloride	2.54	84	33328	4.775	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	79480	5.121	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	33975	4.907	ug/L	99
19) 1,1-Dichloroethane	3.23	63	57313	4.851	ug/L	99
21) 2-Butanone	4.05	43	92193	51.833	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	36037	5.140	ug/L	97

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Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV73

Quant Time: Sep 27 07:07:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 07:04:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	16172	5.304 ug/L	96
25) Chloroform	4.43	83	64182	5.023 ug/L	98
27) 1,2-Dichloroethane	5.19	62	42250	5.138 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	55013	5.054 ug/L	98
30) Cyclohexane	4.73	56	52424	5.124 ug/L	100
31) Carbon tetrachloride	4.88	117	49316	5.139 ug/L	97
33) Benzene	5.15	78	132028	5.094 ug/L	100
34) Trichloroethene	5.96	95	36650	4.938 ug/L	94
35) Methylcyclohexane	6.18	83	55386	4.977 ug/L	98
37) 1,2-Dichloropropane	6.23	63	33675	5.086 ug/L	99
38) Bromodichloromethane	6.56	83	40716	5.143 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	45895	5.181 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	227515	54.743 ug/L	99
42) Toluene	7.43	91	147597	5.229 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	38659	5.251 ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	25087	5.250 ug/L	97
47) Tetrachloroethene	8.02	164	35071	5.100 ug/L	98
48) 2-Hexanone	8.19	43	163957	56.722 ug/L	98
49) Dibromochloromethane	8.30	129	27906	5.116 ug/L	95
50) 1,2-Dibromoethane	8.40	107	23940	5.481 ug/L	98
51) Chlorobenzene	8.93	112	99660	5.111 ug/L	99
52) Ethylbenzene	9.06	91	163042	5.178 ug/L	100
53) m,p-xylene	9.19	106	62510	5.213 ug/L	97
54) o-xylene	9.59	106	58715	5.070 ug/L	98
55) Styrene	9.61	104	102521	5.183 ug/L	99
56) Isopropylbenzene	9.98	105	162448	5.179 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	30256	5.391 ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	22429	5.444 ug/L	98
61) Bromoform	9.78	173	15625	5.170 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	82845	4.987 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	84645	4.900 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	79331	5.065 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4452	5.581 ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	71222	5.007 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	60078	4.997 ug/L	99
69) Naphthalene	13.56	128	89120	5.299 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	55465	5.094 ug/L	97

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

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