Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092118\
Data File : VV007687.D
Acq On : 21 Sep 2018 09:36
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00575

Quant Time: Sep 21 23:45:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98015	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55325	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	18392	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.58	69	18866	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.14	63	53003	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.20%			
20) 2-Butanone-d5	3.97	46	56501	51.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.28%			
24) Chloroform-d	4.40	84	50011	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.09	65	24857	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.10	84	86822	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.12	67	26017	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.36	98	88940	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.67	79	10690	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.14	63	41921	46.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22964	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	42192	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	42496	5.014	ug/L	99
3) Chloromethane	1.25	50	32399	4.927	ug/L	97
5) Vinyl chloride	1.32	62	37650	4.916	ug/L	100
6) Bromomethane	1.54	94	24150	4.696	ug/L	99
8) Chloroethane	1.60	64	24760	4.967	ug/L	96
9) Trichlorofluoromethane	1.77	101	82800	5.170	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	45883	5.266	ug/L	98
12) 1,1-Dichloroethene	2.14	96	39272	5.114	ug/L	99
13) Acetone	2.23	43	50473	47.420	ug/L	99
14) Carbon disulfide	2.32	76	100857	4.928	ug/L	99
15) Methyl Acetate	2.47	43	12719	4.847	ug/L	98
16) Methylene chloride	2.54	84	39779	5.103	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	91663	5.101	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	43026	5.101	ug/L	96
19) 1,1-Dichloroethane	3.23	63	53629	4.686	ug/L	99
21) 2-Butanone	4.06	43	65660	48.906	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	36839	4.944	ug/L	99

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Instrument : MSVOA_V
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	16556	4.882 ug/L	94
25) Chloroform	4.43	83	62856	5.144 ug/L	97
27) 1,2-Dichloroethane	5.18	62	36438	4.934 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	57888	4.974 ug/L	97
30) Cyclohexane	4.72	56	47926	4.826 ug/L	98
31) Carbon tetrachloride	4.87	117	53484	5.023 ug/L	98
33) Benzene	5.15	78	129509	4.976 ug/L	100
34) Trichloroethene	5.96	95	38239	4.994 ug/L	96
35) Methylcyclohexane	6.18	83	61211	5.178 ug/L	98
37) 1,2-Dichloropropane	6.23	63	30227	4.808 ug/L	99
38) Bromodichloromethane	6.56	83	39949	4.816 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	45822	5.038 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	165299	48.608 ug/L	99
42) Toluene	7.43	91	152000	5.127 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	36821	4.988 ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	24152	4.992 ug/L	98
47) Tetrachloroethene	8.02	164	39708	5.277 ug/L	97
48) 2-Hexanone	8.19	43	119359	49.558 ug/L	98
49) Dibromochloromethane	8.30	129	29390	4.880 ug/L	99
50) 1,2-Dibromoethane	8.40	107	23138	5.044 ug/L	95
51) Chlorobenzene	8.93	112	103101	5.015 ug/L	98
52) Ethylbenzene	9.06	91	169753	5.065 ug/L	98
53) m,p-xylene	9.18	106	68259	5.181 ug/L	93
54) o-xylene	9.59	106	65215	5.030 ug/L	99
55) Styrene	9.61	104	106816	5.041 ug/L	99
56) Isopropylbenzene	9.98	105	179496	5.089 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	27008	4.891 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	19062	4.948 ug/L	100
61) Bromoform	9.78	173	16315	4.573 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	92737	5.049 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	93581	5.067 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	86287	4.994 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3691	4.697 ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	80859	5.081 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	64332	4.957 ug/L	99
69) Naphthalene	13.56	128	85678	4.419 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	58732	4.915 ug/L	95

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

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