Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008330.D
Acq On : 17 Oct 2018 07:29
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00570

Quant Time: Oct 17 10:00:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86972	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32783	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26763	5.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.00%			
7) Chloroethane-d5	1.58	69	19706	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.14	63	52270	5.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.80%			
20) 2-Butanone-d5	3.96	46	76458	46.38	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.76%			
24) Chloroform-d	4.41	84	50878	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.09	65	25549	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.10	84	105432	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.12	67	35414	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.36	98	95643	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.67	79	10765	3.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.60%			
46) 2-Hexanone-d5	8.14	63	50451	45.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.66%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22483	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	29349	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	30529	4.559	ug/L	99
3) Chloromethane	1.25	50	37997	5.559	ug/L	98
5) Vinyl chloride	1.32	62	36246	5.601	ug/L	98
6) Bromomethane	1.54	94	13876	3.747	ug/L	99
8) Chloroethane	1.60	64	20318	6.040	ug/L	99
9) Trichlorofluoromethane	1.77	101	47079	5.984	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	24548	5.467	ug/L	96
12) 1,1-Dichloroethene	2.14	96	24287	5.813	ug/L	95
13) Acetone	2.20	43	45974	51.542	ug/L	97
14) Carbon disulfide	2.32	76	81014	5.636	ug/L	100
15) Methyl Acetate	2.47	43	11730	5.286	ug/L	96
16) Methylene chloride	2.54	84	25512	5.276	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	68114	5.739	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	25611	5.697	ug/L	97
19) 1,1-Dichloroethane	3.23	63	58146	6.261	ug/L	97
21) 2-Butanone	4.05	43	84185	45.454	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	35286	4.862	ug/L #	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	13459	5.002	ug/L	91
25) Chloroform	4.43	83	55976	4.918	ug/L	98
27) 1,2-Dichloroethane	5.19	62	33355	4.929	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	46788	4.798	ug/L	98
30) Cyclohexane	4.73	56	56210	4.586	ug/L	100
31) Carbon tetrachloride	4.88	117	38316	4.673	ug/L	99
33) Benzene	5.15	78	127402	4.828	ug/L	100
34) Trichloroethene	5.96	95	84020	11.491	ug/L	98
35) Methylcyclohexane	6.18	83	54295	4.403	ug/L	98
37) 1,2-Dichloropropane	6.23	63	34415	4.834	ug/L	100
38) Bromodichloromethane	6.56	83	38320	4.791	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	40346	3.972	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	204613	46.928	ug/L	100
42) Toluene	7.43	91	131939	4.797	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	30730	3.780	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	21840	4.942	ug/L	97
47) Tetrachloroethene	8.02	164	21648	4.725	ug/L	96
48) 2-Hexanone	8.19	43	147716	46.353	ug/L	99
49) Dibromochloromethane	8.29	129	23688	4.702	ug/L	99
50) 1,2-Dibromoethane	8.40	107	19821	4.785	ug/L	93
51) Chlorobenzene	8.93	112	79422	4.860	ug/L	99
52) Ethylbenzene	9.06	91	144354	4.773	ug/L	99
53) m,p-xylene	9.18	106	50851	4.649	ug/L	96
54) o-xylene	9.59	106	52126	4.783	ug/L	96
55) Styrene	9.61	104	84212	4.803	ug/L	98
56) Isopropylbenzene	9.98	105	134574	4.686	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	23898	4.752	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	19829	4.978	ug/L	94
61) Bromoform	9.78	173	11436	4.772	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	54042	4.870	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	54700	4.979	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	51783	4.868	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3209	3.999	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	34183	4.761	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	23551	4.608	ug/L	100
69) Naphthalene	13.56	128	39730	4.170	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	23890	4.708	ug/L	99

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

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