Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073018\
Data File : VV006774.D
Acq On : 30 Jul 2018 20:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00567

Quant Time: Jul 31 07:42:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 31 07:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196491	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85075	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48617	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.57	69	43328	5.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.00%			
11) 1,1-Dichloroethene-d2	2.13	63	100508	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	3.95	46	177653	55.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.20%			
24) Chloroform-d	4.40	84	107165	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.60%			
26) 1,2-Dichloroethane-d4	5.09	65	53777	5.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.00%			
32) Benzene-d6	5.10	84	204595	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
36) 1,2-Dichloropropane-d6	6.12	67	70033	5.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.40%			
41) Toluene-d8	7.36	98	182084	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.80%			
43) trans-1,3-Dichloropropene-	7.67	79	22659	5.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.40%			
46) 2-Hexanone-d5	8.14	63	145561	54.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.96%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	58984	5.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	67762	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	74813	4.23	ug/L #	86
3) Chloromethane	1.25	50	88354	5.89	ug/L	100
5) Vinyl chloride	1.32	62	92294	4.91	ug/L	100
6) Bromomethane	1.52	94	22623	4.92	ug/L	97
8) Chloroethane	1.59	64	55518	5.39	ug/L	98
9) Trichlorofluoromethane	1.76	101	103333	4.79	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	59987	4.56	ug/L	98
12) 1,1-Dichloroethene	2.14	96	63354	4.92	ug/L	95
13) Acetone	2.19	43	116758	57.43	ug/L	100
14) Carbon disulfide	2.31	76	194716	4.50	ug/L	100
15) Methyl Acetate	2.46	43	34533	5.73	ug/L	96
16) Methylene chloride	2.54	84	75994	5.15	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	177221	5.61	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	71925	5.14	ug/L	100
19) 1,1-Dichloroethane	3.23	63	139467	5.42	ug/L	100
21) 2-Butanone	4.04	43	197299	57.94	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	76981	5.28	ug/L	98

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	33208	5.54	ug/L	98
25) Chloroform	4.43	83	129568	5.37	ug/L	98
27) 1,2-Dichloroethane	5.19	62	78975	5.58	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	101881	5.09	ug/L	100
30) Cyclohexane	4.72	56	93487	4.17	ug/L	100
31) Carbon tetrachloride	4.88	117	83714	4.89	ug/L	99
33) Benzene	5.15	78	291951	5.22	ug/L	100
34) Trichloroethene	5.96	95	70893	5.02	ug/L	99
35) Methylcyclohexane	6.18	83	96940	4.11	ug/L	98
37) 1,2-Dichloropropane	6.23	63	77228	5.37	ug/L	99
38) Bromodichloromethane	6.56	83	84726	5.28	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	95628	5.11	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	455404	57.65	ug/L	99
42) Toluene	7.44	91	302303	5.24	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	77268	5.25	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	53885	5.57	ug/L	98
47) Tetrachloroethene	8.02	164	53868	4.80	ug/L	99
48) 2-Hexanone	8.19	43	318687	57.81	ug/L	99
49) Dibromochloromethane	8.30	129	53937	5.27	ug/L	98
50) 1,2-Dibromoethane	8.40	107	47319	5.47	ug/L	98
51) Chlorobenzene	8.93	112	191949	5.12	ug/L	99
52) Ethylbenzene	9.06	91	304273	4.95	ug/L	100
53) m,p-xylene	9.19	106	118065	5.09	ug/L	99
54) o-xylene	9.59	106	113837	5.04	ug/L	99
55) Styrene	9.61	104	199600	5.24	ug/L	99
56) Isopropylbenzene	9.98	105	290018	4.94	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	64248	5.43	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	47542	5.62	ug/L	99
61) Bromoform	9.78	173	27544	5.33	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	134609	5.12	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	137523	5.13	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	135621	5.29	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	8446	5.51	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	100990	5.03	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	77569	4.86	ug/L	99
69) Naphthalene	13.56	128	129757	4.75	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	77436	5.13	ug/L	100

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

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