Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026817.D
Acq On : 17 Sep 2018 11:51
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00548

Quant Time: Sep 17 15:46:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	120917	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	102179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52456	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	40966	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.68	69	36430	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.28	63	82907	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.60%			
20) 2-Butanone-d5	4.21	46	102567	50.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.20%			
24) Chloroform-d	4.65	84	77281	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.31	65	39929	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.34	84	153550	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%			
36) 1,2-Dichloropropane-d6	6.33	67	49255	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.57	98	141486	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
43) trans-1,3-Dichloropropene-	7.85	79	17305	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.32	63	67177	49.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.84%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	38751	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	49968	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	67258	5.14	ug/L	100
3) Chloromethane	1.33	50	69051	5.34	ug/L	99
5) Vinyl chloride	1.40	62	67765	5.11	ug/L	98
6) Bromomethane	1.63	94	29013	4.40	ug/L	99
8) Chloroethane	1.70	64	42189	5.03	ug/L	95
9) Trichlorofluoromethane	1.89	101	85749	5.18	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	49770	5.21	ug/L	99
12) 1,1-Dichloroethene	2.29	96	46205	5.13	ug/L	96
13) Acetone	2.34	43	86851	48.19	ug/L	99
14) Carbon disulfide	2.48	76	166109	5.30	ug/L	99
15) Methyl Acetate	2.63	43	24111	5.10	ug/L	96
16) Methylene chloride	2.70	84	54059	4.93	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	111128	5.11	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	51211	5.17	ug/L	98
19) 1,1-Dichloroethane	3.45	63	96049	5.20	ug/L	99
21) 2-Butanone	4.30	43	147976	49.69	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	55889	5.22	ug/L	94

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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	4.55	128	23992	5.27 ug/L	97
25) Chloroform	4.68	83	93167	5.23 ug/L	98
27) 1,2-Dichloroethane	5.41	62	60526	5.28 ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	79705	5.42 ug/L	100
30) Cyclohexane	4.99	56	86761	5.23 ug/L	98
31) Carbon tetrachloride	5.13	117	69991	5.41 ug/L	100
33) Benzene	5.39	78	206318	5.40 ug/L	100
34) Trichloroethene	6.18	95	52071	5.34 ug/L	99
35) Methylcyclohexane	6.41	83	81608	5.15 ug/L	99
37) 1,2-Dichloropropane	6.44	63	55376	5.45 ug/L	100
38) Bromodichloromethane	6.76	83	66131	5.33 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	66711	4.90 ug/L	98
40) 4-Methyl-2-pentanone	7.48	43	313710	52.42 ug/L	99
42) Toluene	7.64	91	210317	5.43 ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	57332	5.26 ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	37407	5.48 ug/L	97
47) Tetrachloroethene	8.23	164	44053	5.18 ug/L	99
48) 2-Hexanone	8.38	43	235944	55.79 ug/L	99
49) Dibromochloromethane	8.48	129	45393	5.40 ug/L	99
50) 1,2-Dibromoethane	8.59	107	33513	5.25 ug/L	98
51) Chlorobenzene	9.12	112	132068	5.08 ug/L	100
52) Ethylbenzene	9.25	91	200108	5.17 ug/L	99
53) m,p-xylene	9.38	106	81734	5.51 ug/L	97
54) o-xylene	9.78	106	76748	5.41 ug/L	98
55) Styrene	9.79	104	142743	5.72 ug/L	98
56) Isopropylbenzene	10.17	105	197122	5.32 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	45663	5.35 ug/L	96
59) 1,2,3-Trichloropropane	10.50	75	31904	5.34 ug/L	100
61) Bromoform	9.96	173	26051	5.23 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	94851	5.02 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	105064	4.90 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	103248	5.23 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	6533	5.21 ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	79254	5.02 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	62186	4.82 ug/L	98
69) Naphthalene	13.75	128	85327	4.60 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	62884	5.13 ug/L	99

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

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