Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027901.D
Acq On : 01 Nov 2018 15:34
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00551

Quant Time: Nov 02 07:09:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	74925	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	72476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37239	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23955	4.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.80%			
7) Chloroethane-d5	1.68	69	17986	3.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.60%			
11) 1,1-Dichloroethene-d2	2.28	63	49472	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.00%			
20) 2-Butanone-d5	4.20	46	81809	46.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.70%			
24) Chloroform-d	4.65	84	46030	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.31	65	29883	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.34	84	85325	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
36) 1,2-Dichloropropane-d6	6.33	67	31577	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.57	98	81678	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	7.85	79	11951	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.31	63	67447	45.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.70%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23581	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	31078	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	36055	4.888	ug/L	98
3) Chloromethane	1.33	50	35221	4.815	ug/L	100
5) Vinyl chloride	1.40	62	33864	4.650	ug/L	98
6) Bromomethane	1.63	94	12269	5.127	ug/L	98
8) Chloroethane	1.70	64	19030	4.458	ug/L	98
9) Trichlorofluoromethane	1.89	101	49053	5.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	23281	4.719	ug/L	99
12) 1,1-Dichloroethene	2.28	96	21494	4.619	ug/L	90
13) Acetone	2.32	43	49490	44.958	ug/L	92
14) Carbon disulfide	2.48	76	68009	4.091	ug/L	99
15) Methyl Acetate	2.62	43	11938	4.051	ug/L	93
16) Methylene chloride	2.70	84	23528	4.500	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	64927	4.680	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	22895	4.628	ug/L	96
19) 1,1-Dichloroethane	3.45	63	49070	4.699	ug/L	98
21) 2-Butanone	4.28	43	87785	45.867	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	25920	4.533	ug/L	92

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	10796	4.557 ug/L	96
25) Chloroform	4.68	83	54019	5.103 ug/L	96
27) 1,2-Dichloroethane	5.41	62	38978	5.276 ug/L #	93
29) 1,1,1-Trichloroethane	4.91	97	46886	5.013 ug/L	98
30) Cyclohexane	4.99	56	48083	4.376 ug/L	98
31) Carbon tetrachloride	5.13	117	39559	4.929 ug/L	100
33) Benzene	5.39	78	104533	4.555 ug/L	100
34) Trichloroethene	6.19	95	28176	4.717 ug/L	99
35) Methylcyclohexane	6.41	83	44294	4.359 ug/L	99
37) 1,2-Dichloropropane	6.44	63	30065	4.598 ug/L	98
38) Bromodichloromethane	6.76	83	36249	4.742 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	41809	4.461 ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	215452	46.642 ug/L	98
42) Toluene	7.64	91	111418	4.640 ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	35691	4.439 ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	18113	4.504 ug/L	93
47) Tetrachloroethene	8.23	164	21140	4.606 ug/L	96
48) 2-Hexanone	8.37	43	158537	47.607 ug/L	98
49) Dibromochloromethane	8.48	129	22466	4.625 ug/L	100
50) 1,2-Dibromoethane	8.59	107	17387	4.518 ug/L	99
51) Chlorobenzene	9.12	112	67547	4.534 ug/L	99
52) Ethylbenzene	9.25	91	128147	4.680 ug/L	97
53) m,p-xylene	9.38	106	45521	4.585 ug/L	100
54) o-xylene	9.78	106	43686	4.480 ug/L	95
55) Styrene	9.79	104	76660	4.690 ug/L	100
56) Isopropylbenzene	10.17	105	124418	4.683 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	24420	4.656 ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	18490	4.666 ug/L	98
61) Bromoform	9.96	173	12475	4.554 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	56381	4.707 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	55421	4.629 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	52684	4.659 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	4001	4.514 ug/L	87
67) 1,3,5-Trichlorobenzene	12.89	180	45438	4.714 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	38232	4.664 ug/L	97
69) Naphthalene	13.75	128	58873	4.619 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	35149	4.708 ug/L	98

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

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