Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027870.D
Acq On : 30 Oct 2018 12:53
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV48

Quant Time: Oct 31 02:17:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	86777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	82123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40757	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	33656	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.68	69	25808	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.28	63	62820	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.60%			
20) 2-Butanone-d5	4.20	46	98919	48.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.82%			
24) Chloroform-d	4.65	84	58528	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.31	65	33229	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.34	84	111305	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.33	67	39626	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.57	98	104820	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	7.85	79	15097	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.31	63	82440	48.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28143	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	37804	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	42624	4.989	ug/L	98
3) Chloromethane	1.33	50	44633	5.268	ug/L	98
5) Vinyl chloride	1.41	62	43305	5.134	ug/L	95
6) Bromomethane	1.63	94	17168	6.195	ug/L	99
8) Chloroethane	1.70	64	23373	4.728	ug/L	100
9) Trichlorofluoromethane	1.89	101	55569	4.962	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29403	5.146	ug/L	99
12) 1,1-Dichloroethene	2.29	96	26365	4.892	ug/L	93
13) Acetone	2.33	43	60190	47.210	ug/L	96
14) Carbon disulfide	2.48	76	95739	4.973	ug/L	99
15) Methyl Acetate	2.62	43	16053	4.704	ug/L	99
16) Methylene chloride	2.70	84	29471	4.867	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	78583	4.890	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	28711	5.011	ug/L	96
19) 1,1-Dichloroethane	3.45	63	58752	4.858	ug/L	97
21) 2-Butanone	4.28	43	108178	48.802	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	33301	5.029	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV48

Quant Time: Oct 31 02:17:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	13411	4.887	ug/L	98
25) Chloroform	4.68	83	60310	4.919	ug/L	96
27) 1,2-Dichloroethane	5.41	62	42919	5.016	ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	54499	5.143	ug/L	98
30) Cyclohexane	4.99	56	63312	5.085	ug/L	100
31) Carbon tetrachloride	5.13	117	46041	5.062	ug/L	99
33) Benzene	5.39	78	130816	5.030	ug/L	100
34) Trichloroethene	6.19	95	34082	5.035	ug/L	97
35) Methylcyclohexane	6.41	83	58540	5.084	ug/L	97
37) 1,2-Dichloropropane	6.44	63	37120	5.010	ug/L	100
38) Bromodichloromethane	6.76	83	43370	5.007	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	54731	5.154	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	262779	50.205	ug/L	100
42) Toluene	7.64	91	139672	5.134	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	45060	4.946	ug/L	93
45) 1,1,2-Trichloroethane	8.07	97	22807	5.005	ug/L	97
47) Tetrachloroethene	8.23	164	27302	5.250	ug/L	96
48) 2-Hexanone	8.37	43	188583	49.977	ug/L	98
49) Dibromochloromethane	8.48	129	27915	5.072	ug/L	98
50) 1,2-Dibromoethane	8.59	107	22325	5.120	ug/L	99
51) Chlorobenzene	9.12	112	83531	4.949	ug/L	98
52) Ethylbenzene	9.25	91	157717	5.084	ug/L	98
53) m,p-xylene	9.38	106	56090	4.986	ug/L	96
54) o-xylene	9.78	106	55846	5.054	ug/L	99
55) Styrene	9.79	104	93211	5.033	ug/L	96
56) Isopropylbenzene	10.17	105	151681	5.039	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	29178	4.910	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	22673	5.049	ug/L	99
61) Bromoform	9.96	173	15682	5.230	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	67611	5.158	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	66441	5.071	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	62189	5.024	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	5493	5.663	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	54674	5.183	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	46656	5.200	ug/L	98
69) Naphthalene	13.74	128	76649	5.494	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	43686	5.346	ug/L	97

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

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