Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082818\
Data File : VU026406.D
Acq On : 28 Aug 2018 18:07
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV47

Quant Time: Aug 29 00:08:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 00:08:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	63031	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	31301	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	41259	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.68	69	30599	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.27	63	72164	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	4.20	46	73527	47.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.70%			
24) Chloroform-d	4.65	84	45586	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.31	65	28199	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.34	84	106542	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.34	67	34928	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.57	98	101998	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
43) trans-1,3-Dichloropropene-	7.85	79	13224	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.32	63	60304	52.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.36%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	26439	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	35971	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	31200	5.16	ug/L	98
3) Chloromethane	1.33	50	41877	5.23	ug/L	99
5) Vinyl chloride	1.40	62	42212	5.24	ug/L	100
6) Bromomethane	1.63	94	22651	5.85	ug/L	98
8) Chloroethane	1.70	64	25107	5.30	ug/L	97
9) Trichlorofluoromethane	1.89	101	51453	5.36	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29121	5.17	ug/L	96
12) 1,1-Dichloroethene	2.28	96	27116	5.25	ug/L	94
13) Acetone	2.32	43	57149	49.85	ug/L	100
14) Carbon disulfide	2.48	76	100200	5.29	ug/L	99
15) Methyl Acetate	2.62	43	15967	4.94	ug/L	97
16) Methylene chloride	2.70	84	32246	5.00	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	69637	5.37	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	30125	5.34	ug/L	95
19) 1,1-Dichloroethane	3.45	63	61998	5.30	ug/L	100
21) 2-Butanone	4.28	43	74034	50.33	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	29200	5.11	ug/L	98

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Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV47

Quant Time: Aug 29 00:08:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 00:08:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	12068	5.22 ug/L	99
25) Chloroform	4.68	83	57617	5.12 ug/L	100
27) 1,2-Dichloroethane	5.41	62	32835	5.24 ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	40805	5.16 ug/L	99
30) Cyclohexane	4.99	56	42561	5.26 ug/L	99
31) Carbon tetrachloride	5.13	117	37308	5.23 ug/L	99
33) Benzene	5.39	78	109261	5.23 ug/L	100
34) Trichloroethene	6.19	95	28284	5.01 ug/L	98
35) Methylcyclohexane	6.42	83	42817	5.33 ug/L	99
37) 1,2-Dichloropropane	6.44	63	30071	5.19 ug/L	98
38) Bromodichloromethane	6.76	83	34698	5.09 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	38618	5.24 ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	174825	53.55 ug/L	99
42) Toluene	7.64	91	115397	5.42 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	32531	5.36 ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	18792	5.17 ug/L	99
47) Tetrachloroethene	8.23	164	22192	5.22 ug/L	96
48) 2-Hexanone	8.37	43	132018	54.60 ug/L	99
49) Dibromochloromethane	8.48	129	23016	5.19 ug/L	98
50) 1,2-Dibromoethane	8.59	107	17460	5.08 ug/L	95
51) Chlorobenzene	9.12	112	71414	5.17 ug/L	98
52) Ethylbenzene	9.25	91	121670	5.39 ug/L	98
53) m,p-xylene	9.38	106	45834	5.52 ug/L	98
54) o-xylene	9.78	106	43951	5.59 ug/L	100
55) Styrene	9.80	104	78219	5.68 ug/L	99
56) Isopropylbenzene	10.17	105	115789	5.54 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	24333	5.10 ug/L	94
59) 1,2,3-Trichloropropane	10.50	75	17080	5.10 ug/L	98
61) Bromoform	9.96	173	12736	5.14 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	55442	5.49 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	57286	5.40 ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	52989	5.31 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	3659	5.48 ug/L	84
67) 1,3,5-Trichlorobenzene	12.89	180	45665	5.41 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	38977	5.74 ug/L	98
69) Naphthalene	13.74	128	61390	5.93 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	36790	5.86 ug/L	98

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

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