Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122818\
Data File : VU028971.D
Acq On : 27 Dec 2018 17:39
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV46

Quant Time: Dec 28 03:07:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	135480	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62453	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	33799	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.68	69	30331	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.28	63	72151	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.00%			
20) 2-Butanone-d5	4.19	46	93467	49.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.64%			
24) Chloroform-d	4.65	84	66955	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.31	65	33196	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.34	84	137864	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.33	67	45908	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.56	98	130001	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	7.85	79	16993	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.31	63	79956	49.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36207	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	49705	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	54732	4.613	ug/L	99
3) Chloromethane	1.33	50	59370	4.484	ug/L	97
5) Vinyl chloride	1.40	62	62791	4.641	ug/L	96
6) Bromomethane	1.63	94	29218	4.665	ug/L	94
8) Chloroethane	1.70	64	35252	4.566	ug/L	99
9) Trichlorofluoromethane	1.89	101	71124	4.598	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46374	4.645	ug/L	99
12) 1,1-Dichloroethene	2.29	96	46399	4.780	ug/L	96
13) Acetone	2.32	43	68873	45.027	ug/L	98
14) Carbon disulfide	2.48	76	159838	4.713	ug/L	98
15) Methyl Acetate	2.62	43	19275	4.301	ug/L	99
16) Methylene chloride	2.70	84	53599	3.857	ug/L	100
17) Methyl tert-butyl Ether	3.00	73	110252	4.626	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	49967	4.689	ug/L	98
19) 1,1-Dichloroethane	3.44	63	86170	4.762	ug/L	99
21) 2-Butanone	4.28	43	108829	47.556	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	51207	4.644	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 : VICV46

Quant Time: Dec 28 03:07:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	21387	4.780	ug/L	92
25) Chloroform	4.67	83	79213	4.608	ug/L	99
27) 1,2-Dichloroethane	5.40	62	48629	4.782	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	65308	4.718	ug/L	99
30) Cyclohexane	4.99	56	77898	4.697	ug/L	99
31) Carbon tetrachloride	5.13	117	51585	4.681	ug/L	96
33) Benzene	5.39	78	192143	4.768	ug/L	100
34) Trichloroethene	6.18	95	50082	4.861	ug/L	95
35) Methylcyclohexane	6.41	83	83468	4.716	ug/L	99
37) 1,2-Dichloropropane	6.43	63	49183	4.791	ug/L	100
38) Bromodichloromethane	6.76	83	55436	4.796	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	71388	4.850	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	269665	49.365	ug/L	99
42) Toluene	7.64	91	202524	4.695	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	56584	4.933	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	33591	4.808	ug/L	98
47) Tetrachloroethene	8.22	164	40921	4.795	ug/L	99
48) 2-Hexanone	8.36	43	188895	49.989	ug/L	100
49) Dibromochloromethane	8.48	129	36173	4.877	ug/L	98
50) 1,2-Dibromoethane	8.58	107	31889	4.880	ug/L	94
51) Chlorobenzene	9.12	112	129573	4.789	ug/L	99
52) Ethylbenzene	9.25	91	220823	4.825	ug/L	99
53) m,p-xylene	9.37	106	83775	4.811	ug/L	99
54) o-xylene	9.78	106	81261	4.807	ug/L	97
55) Styrene	9.79	104	137711	4.894	ug/L	99
56) Isopropylbenzene	10.16	105	213116	4.780	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	41844	4.892	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	29449	4.920	ug/L	99
61) Bromoform	9.96	173	21718	5.097	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	103158	4.887	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	104704	4.860	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	97788	4.895	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	5952	5.046	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	84567	5.177	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	74293	5.457	ug/L	99
69) Naphthalene	13.74	128	132092	5.673	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	68836	5.301	ug/L	99

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

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