Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029462.D
Acq On : 14 Feb 2019 17:30
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00556

Quant Time: Feb 15 00:49:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189224	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103276	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	59002	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.68	69	51427	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.27	63	135573	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	4.19	46	127609	48.28	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.56%			
24) Chloroform-d	4.65	84	101081	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.31	65	50800	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.33	84	220335	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.33	67	63493	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.56	98	218493	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.85	79	27165	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.31	63	131440	49.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.72%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56868	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	95239	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	81901	4.942	ug/L	97
3) Chloromethane	1.32	50	73683	4.712	ug/L	99
5) Vinyl chloride	1.40	62	88542	4.859	ug/L	99
6) Bromomethane	1.63	94	40873	3.845	ug/L	99
8) Chloroethane	1.70	64	56791	4.786	ug/L	100
9) Trichlorofluoromethane	1.88	101	140176	5.025	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	84638	5.148	ug/L	99
12) 1,1-Dichloroethene	2.28	96	78438	5.037	ug/L	94
13) Acetone	2.32	43	117067	48.749	ug/L	100
14) Carbon disulfide	2.48	76	245217	4.779	ug/L	100
15) Methyl Acetate	2.62	43	31589	5.135	ug/L	98
16) Methylene chloride	2.70	84	81365	4.649	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	194513	4.989	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	83883	5.052	ug/L	95
19) 1,1-Dichloroethane	3.44	63	142632	5.702	ug/L	97
21) 2-Butanone	4.27	43	152970	51.551	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	78056	5.110	ug/L	97

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00556

Quant Time: Feb 15 00:49:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	35832	5.197	ug/L	95
25) Chloroform	4.67	83	131846	5.268	ug/L	96
27) 1,2-Dichloroethane	5.40	62	75338	5.202	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	109827	4.922	ug/L	100
30) Cyclohexane	4.99	56	104478	4.886	ug/L	97
31) Carbon tetrachloride	5.13	117	99033	4.912	ug/L	99
33) Benzene	5.38	78	264343	4.978	ug/L	100
34) Trichloroethene	6.18	95	75238	5.039	ug/L	97
35) Methylcyclohexane	6.41	83	123793	4.929	ug/L	98
37) 1,2-Dichloropropane	6.43	63	65451	4.921	ug/L	100
38) Bromodichloromethane	6.75	83	85732	4.878	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	101796	4.863	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	376075	49.053	ug/L	99
42) Toluene	7.63	91	300198	5.037	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	83203	4.840	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	51309	5.036	ug/L	99
47) Tetrachloroethene	8.22	164	70444	5.151	ug/L	98
48) 2-Hexanone	8.36	43	269348	48.204	ug/L	99
49) Dibromochloromethane	8.47	129	68329	4.976	ug/L	98
50) 1,2-Dibromoethane	8.58	107	50315	4.990	ug/L	94
51) Chlorobenzene	9.12	112	206610	5.041	ug/L	99
52) Ethylbenzene	9.25	91	335715	4.975	ug/L	99
53) m,p-xylene	9.37	106	134208	4.987	ug/L	97
54) o-xylene	9.77	106	132691	5.023	ug/L	99
55) Styrene	9.79	104	221132	5.043	ug/L	96
56) Isopropylbenzene	10.16	105	352632	5.061	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	64600	5.196	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	43693	5.121	ug/L	95
61) Bromoform	9.95	173	40378	4.619	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	179890	4.917	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	177592	4.861	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	173348	5.028	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	9836	4.561	ug/L	91
67) 1,3,5-Trichlorobenzene	12.88	180	149694	4.931	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	128836	5.039	ug/L	98
69) Naphthalene	13.74	128	213623	4.838	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	120584	4.933	ug/L	99

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

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