Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029446.D
Acq On : 14 Feb 2019 10:09
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00555

Quant Time: Feb 15 00:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 14 00:18:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	198120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110385	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63237	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.68	69	54652	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.20%			
11) 1,1-Dichloroethene-d2	2.27	63	140050	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	4.22	46	147021	50.94	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.88%			
24) Chloroform-d	4.64	84	108682	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
26) 1,2-Dichloroethane-d4	5.31	65	52701	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.33	84	213403	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.33	67	63195	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.56	98	210744	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.85	79	29815	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.31	63	142290	49.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57394	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	92920	4.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	87478	4.835	ug/L	96
3) Chloromethane	1.32	50	84737	4.963	ug/L	99
5) Vinyl chloride	1.40	62	99423	4.997	ug/L	100
6) Bromomethane	1.63	94	56766	4.891	ug/L	98
8) Chloroethane	1.70	64	61085	4.715	ug/L	99
9) Trichlorofluoromethane	1.88	101	166249	5.459	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91308	5.086	ug/L	99
12) 1,1-Dichloroethene	2.28	96	85061	5.003	ug/L	91
13) Acetone	2.36	43	137440	52.422	ug/L	99
14) Carbon disulfide	2.48	76	268309	4.790	ug/L	99
15) Methyl Acetate	2.63	43	35015	5.213	ug/L	96
16) Methylene chloride	2.70	84	87602	4.585	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	212256	4.986	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	89758	4.951	ug/L	97
19) 1,1-Dichloroethane	3.44	63	152676	5.590	ug/L	96
21) 2-Butanone	4.30	43	170530	52.637	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	81147	4.866	ug/L	97

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00555

Quant Time: Feb 15 00:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 14 00:18:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	38228	5.078	ug/L	96
25) Chloroform	4.67	83	130748	4.785	ug/L	97
27) 1,2-Dichloroethane	5.40	62	78136	4.941	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	118624	4.841	ug/L	99
30) Cyclohexane	4.99	56	111156	4.734	ug/L	98
31) Carbon tetrachloride	5.13	117	107784	4.868	ug/L	100
33) Benzene	5.38	78	277491	4.758	ug/L	100
34) Trichloroethene	6.18	95	79267	4.834	ug/L	96
35) Methylcyclohexane	6.41	83	131118	4.753	ug/L	98
37) 1,2-Dichloropropane	6.43	63	72141	4.939	ug/L	100
38) Bromodichloromethane	6.76	83	93949	4.867	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	112764	4.905	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	412206	48.958	ug/L	100
42) Toluene	7.63	91	320346	4.894	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	92296	4.889	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	54515	4.872	ug/L	95
47) Tetrachloroethene	8.22	164	74640	4.970	ug/L	97
48) 2-Hexanone	8.37	43	299547	48.814	ug/L	100
49) Dibromochloromethane	8.47	129	76444	5.069	ug/L	99
50) 1,2-Dibromoethane	8.58	107	53810	4.860	ug/L	92
51) Chlorobenzene	9.12	112	216661	4.813	ug/L	98
52) Ethylbenzene	9.25	91	355748	4.800	ug/L	99
53) m,p-xylene	9.37	106	141664	4.793	ug/L	97
54) o-xylene	9.77	106	138639	4.779	ug/L	98
55) Styrene	9.79	104	234557	4.870	ug/L	98
56) Isopropylbenzene	10.16	105	370713	4.845	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	68741	5.034	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	45944	4.904	ug/L	97
61) Bromoform	9.95	173	47886	5.125	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	188916	4.831	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	189744	4.859	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	179590	4.874	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	11144	4.834	ug/L	91
67) 1,3,5-Trichlorobenzene	12.88	180	158762	4.893	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	133110	4.871	ug/L	100
69) Naphthalene	13.74	128	219238	4.646	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	123443	4.724	ug/L	99

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

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