Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010219\
Data File : VU028982.D
Acq On : 02 Jan 2019 09:45
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00551

Quant Time: Jan 03 03:30:08 2019
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	5.88	114	110790	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	104661	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49608	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	27862	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.68	69	24526	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.28	63	58510	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	4.20	46	82720	53.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.76%			
24) Chloroform-d	4.65	84	58815	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.31	65	27852	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.34	84	118219	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.33	67	39889	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.56	98	108686	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.85	79	14610	4.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%			
46) 2-Hexanone-d5	8.31	63	68026	50.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.48%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31746	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	41515	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	46689	4.812	ug/L	99
3) Chloromethane	1.32	50	52285	4.829	ug/L	99
5) Vinyl chloride	1.40	62	53702	4.854	ug/L	99
6) Bromomethane	1.63	94	25670	5.012	ug/L	97
8) Chloroethane	1.70	64	31075	4.922	ug/L	99
9) Trichlorofluoromethane	1.89	101	59219	4.681	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	38322	4.694	ug/L	99
12) 1,1-Dichloroethene	2.29	96	37092	4.673	ug/L	98
13) Acetone	2.33	43	61223	48.945	ug/L	99
14) Carbon disulfide	2.48	76	135301	4.878	ug/L	99
15) Methyl Acetate	2.62	43	17019	4.643	ug/L	100
16) Methylene chloride	2.70	84	44333	3.901	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	93439	4.794	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	40639	4.663	ug/L	98
19) 1,1-Dichloroethane	3.44	63	75427	5.098	ug/L	99
21) 2-Butanone	4.28	43	96928	51.794	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	43233	4.795	ug/L	100

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Acq On : 02 Jan 2019 09:45
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00551

Quant Time: Jan 03 03:30:08 2019
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	18449	5.043 ug/L	96
25) Chloroform	4.67	83	70614	5.023 ug/L	98
27) 1,2-Dichloroethane	5.40	62	41589	5.001 ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	56487	4.914 ug/L	99
30) Cyclohexane	4.99	56	66424	4.823 ug/L	100
31) Carbon tetrachloride	5.13	117	46394	5.069 ug/L	99
33) Benzene	5.39	78	163971	4.900 ug/L	100
34) Trichloroethene	6.18	95	42419	4.957 ug/L	99
35) Methylcyclohexane	6.41	83	70512	4.797 ug/L	99
37) 1,2-Dichloropropane	6.43	63	43968	5.157 ug/L	100
38) Bromodichloromethane	6.76	83	49955	5.204 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	61220	5.008 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	234358	51.658 ug/L	98
42) Toluene	7.63	91	171239	4.780 ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	48884	5.131 ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	28637	4.935 ug/L	97
47) Tetrachloroethene	8.22	164	34629	4.886 ug/L	96
48) 2-Hexanone	8.36	43	165119	52.616 ug/L	99
49) Dibromochloromethane	8.48	129	33155	5.382 ug/L	97
50) 1,2-Dibromoethane	8.58	107	27181	5.008 ug/L	99
51) Chlorobenzene	9.12	112	107873	4.801 ug/L	98
52) Ethylbenzene	9.25	91	182634	4.806 ug/L	97
53) m,p-xylene	9.37	106	69819	4.828 ug/L	97
54) o-xylene	9.78	106	68465	4.877 ug/L	99
55) Styrene	9.79	104	115877	4.959 ug/L	100
56) Isopropylbenzene	10.16	105	176798	4.775 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	37075	5.220 ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	25978	5.227 ug/L	99
61) Bromoform	9.96	173	19166	5.662 ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	83857	5.001 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	84623	4.945 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	80260	5.058 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	5327	5.686 ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	66903	5.156 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	55418	5.125 ug/L	98
69) Naphthalene	13.74	128	95491	5.163 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	52840	5.123 ug/L	98

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

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