Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035090.D
Acq On : 11 Oct 2019 15:12
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Oct 12 01:55:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	158976	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	162063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	81676	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	45269	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.67	69	44001	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.26	63	96255	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.17	46	145387	52.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.06%			
24) Chloroform-d	4.62	84	90251	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.29	65	50632	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.31	84	171828	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.31	67	59884	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.54	98	165685	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.84	79	20941	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.30	63	113932	52.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.78%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55130	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	62544	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	70981	4.886	ug/L	99
3) Chloromethane	1.32	50	79041	4.959	ug/L	97
5) Vinyl chloride	1.40	62	76960	4.916	ug/L	97
6) Bromomethane	1.62	94	30763	3.535	ug/L	96
8) Chloroethane	1.69	64	48253	5.139	ug/L	95
9) Trichlorofluoromethane	1.88	101	99450	5.253	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	55058	5.065	ug/L	98
12) 1,1-Dichloroethene	2.27	96	50478	4.943	ug/L	83
13) Acetone	2.31	43	118716	52.377	ug/L	94
14) Carbon disulfide	2.46	76	158369	4.660	ug/L	100
15) Methyl Acetate	2.60	43	30531	5.060	ug/L	98
16) Methylene chloride	2.68	84	62704	4.960	ug/L	82
17) Methyl tert-butyl Ether	2.98	73	143039	5.134	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	53718	4.913	ug/L	93
19) 1,1-Dichloroethane	3.42	63	114088	5.250	ug/L	99
21) 2-Butanone	4.25	43	165907	51.400	ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	61893	5.075	ug/L	89

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	26504	5.185	ug/L	84
25) Chloroform	4.65	83	118586	4.857	ug/L	99
27) 1,2-Dichloroethane	5.38	62	71346	5.003	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	91124	5.006	ug/L	97
30) Cyclohexane	4.97	56	90107	4.502	ug/L	95
31) Carbon tetrachloride	5.11	117	78395	4.967	ug/L	99
33) Benzene	5.37	78	240544	4.927	ug/L	100
34) Trichloroethene	6.16	95	60328	4.792	ug/L	99
35) Methylcyclohexane	6.39	83	89876	4.408	ug/L	94
37) 1,2-Dichloropropane	6.41	63	66941	5.083	ug/L	99
38) Bromodichloromethane	6.74	83	79068	5.122	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	85531	4.795	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	422474	50.975	ug/L	93
42) Toluene	7.62	91	260634	5.115	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	67590	4.892	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	44514	5.091	ug/L	92
47) Tetrachloroethene	8.21	164	50601	4.965	ug/L	98
48) 2-Hexanone	8.35	43	289636	50.970	ug/L	95
49) Dibromochloromethane	8.46	129	52393	5.184	ug/L	95
50) 1,2-Dibromoethane	8.57	107	42548	5.092	ug/L	97
51) Chlorobenzene	9.10	112	165305	5.006	ug/L	98
52) Ethylbenzene	9.23	91	272596	4.844	ug/L	99
53) m,p-Xylene	9.36	106	102042	4.908	ug/L	95
54) o-Xylene	9.76	106	98998	4.869	ug/L	94
55) Styrene	9.77	104	170877	5.190	ug/L	98
56) Isopropylbenzene	10.15	105	267526	4.939	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	61698	5.189	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	43354	5.086	ug/L	99
61) Bromoform	9.94	173	28621	5.109	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	123367	4.903	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	122030	4.806	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	117932	4.857	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	7623	4.941	ug/L	90
67) 1,3,5-Trichlorobenzene	12.87	180	77248	4.534	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	46594	3.662	ug/L	94
69) Naphthalene	13.72	128	63926	3.231	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	50455	4.078	ug/L	98

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

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