Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\
Data File : VU034862.D
Acq On : 26 Sep 2019 23:41
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Sep 27 07:22:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	86370	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	82982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	41203	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	31540	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.67	69	26155	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.26	63	59258	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.60%			
20) 2-Butanone-d5	4.17	46	93320	55.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.48%			
24) Chloroform-d	4.62	84	43052	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	5.29	65	25798	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
32) Benzene-d6	5.31	84	96849	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.31	67	32965	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.40%			
41) Toluene-d8	7.54	98	90767	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	7.83	79	11437	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.30	63	68396	50.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.96%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	27193	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	31104	4.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	29102	4.449	ug/L	95
3) Chloromethane	1.32	50	32729	5.307	ug/L	100
5) Vinyl chloride	1.40	62	32253	4.992	ug/L	100
6) Bromomethane	1.62	94	20238	6.283	ug/L	91
8) Chloroethane	1.69	64	19491	5.175	ug/L	98
9) Trichlorofluoromethane	1.87	101	44443	5.190	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	25965	5.397	ug/L #	88
12) 1,1-Dichloroethene	2.27	96	22983	5.395	ug/L	91
13) Acetone	2.32	43	78194	59.907	ug/L	99
14) Carbon disulfide	2.46	76	53973	4.942	ug/L	98
15) Methyl Acetate	2.61	43	18779	5.895	ug/L	97
16) Methylene chloride	2.68	84	29564	5.217	ug/L	94
17) Methyl tert-butyl Ether	2.99	73	83382	5.590	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	23873	5.393	ug/L	95
19) 1,1-Dichloroethane	3.42	63	52410	4.850	ug/L	97
21) 2-Butanone	4.26	43	119077	63.371	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	27547	4.652	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	11449	5.246 ug/L #	86
25) Chloroform	4.65	83	55559	4.597 ug/L	96
27) 1,2-Dichloroethane	5.38	62	33991	4.888 ug/L	96
29) 1,1,1-Trichloroethane	4.89	97	39343	4.497 ug/L	98
30) Cyclohexane	4.96	56	42696	4.643 ug/L	96
31) Carbon tetrachloride	5.11	117	32474	4.562 ug/L	100
33) Benzene	5.37	78	107038	4.771 ug/L	100
34) Trichloroethene	6.16	95	27278	4.877 ug/L	97
35) Methylcyclohexane	6.39	83	39732	4.398 ug/L	99
37) 1,2-Dichloropropane	6.41	63	32795	4.734 ug/L	100
38) Bromodichloromethane	6.74	83	35871	4.327 ug/L	94
39) cis-1,3-Dichloropropene	7.25	75	43354	4.445 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	299457	57.354 ug/L	98
42) Toluene	7.61	91	114953	4.741 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	34381	4.345 ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	21917	4.974 ug/L	95
47) Tetrachloroethene	8.21	164	19175	5.655 ug/L	94
48) 2-Hexanone	8.34	43	213191	60.755 ug/L	93
49) Dibromochloromethane	8.46	129	23745	4.595 ug/L	94
50) 1,2-Dibromoethane	8.57	107	20013	4.982 ug/L	94
51) Chlorobenzene	9.10	112	73911	4.863 ug/L	96
52) Ethylbenzene	9.23	91	130520	4.656 ug/L	99
53) m,p-Xylene	9.35	106	46842	4.712 ug/L	95
54) o-Xylene	9.76	106	47789	4.785 ug/L	98
55) Styrene	9.77	104	80482	4.852 ug/L	91
56) Isopropylbenzene	10.14	105	130474	4.703 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.44	83	32552	5.004 ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	22945	5.070 ug/L	100
61) Bromoform	9.94	173	12925	4.749 ug/L #	96
62) 1,3-Dichlorobenzene	11.39	146	59574	4.925 ug/L	97
63) 1,4-Dichlorobenzene	11.48	146	59043	4.890 ug/L	94
65) 1,2-Dichlorobenzene	11.85	146	57950	4.895 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.63	75	4685	4.370 ug/L	93
67) 1,3,5-Trichlorobenzene	12.86	180	42083	5.323 ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	34977	5.548 ug/L	99
69) Naphthalene	13.72	128	71568	4.662 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	33251	5.631 ug/L	96

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

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