Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062119\
Data File : VU032933.D
Acq On : 21 Jun 2019 10:32
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00505

Quant Time: Jun 21 23:27:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 23:24:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47899	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	20212	3.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.60%			
7) Chloroethane-d5	1.68	69	19191	3.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.40%			
11) 1,1-Dichloroethene-d2	2.27	63	49815	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.80%			
20) 2-Butanone-d5	4.18	46	90167	56.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.94%			
24) Chloroform-d	4.64	84	53280	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.30	65	30210	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.80%			
32) Benzene-d6	5.33	84	92290	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
36) 1,2-Dichloropropane-d6	6.32	67	31314	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.56	98	86651	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	7.85	79	13121	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.31	63	65818	45.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.34%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30108	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	38565	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	40825	5.407	ug/L	99
3) Chloromethane	1.32	50	38975	4.977	ug/L	99
5) Vinyl chloride	1.40	62	39558	5.139	ug/L	98
6) Bromomethane	1.62	94	24941	5.312	ug/L	97
8) Chloroethane	1.69	64	23129	4.703	ug/L	98
9) Trichlorofluoromethane	1.88	101	57675	5.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	30224	5.161	ug/L	98
12) 1,1-Dichloroethene	2.28	96	26802	4.794	ug/L	92
13) Acetone	2.32	43	67138	54.174	ug/L	94
14) Carbon disulfide	2.47	76	83821	4.681	ug/L	99
15) Methyl Acetate	2.61	43	16118	4.740	ug/L	97
16) Methylene chloride	2.69	84	31428	5.069	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	79991	4.892	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	29494	4.889	ug/L	94
19) 1,1-Dichloroethane	3.43	63	59891	5.547	ug/L	97
21) 2-Butanone	4.27	43	100002	55.481	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	33347	4.885	ug/L	93

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00505

Quant Time: Jun 21 23:27:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 23:24:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	15370	5.231 ug/L #	90
25) Chloroform	4.67	83	61265	5.554 ug/L	96
27) 1,2-Dichloroethane	5.40	62	42832	5.908 ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	53559	5.004 ug/L	96
30) Cyclohexane	4.98	56	47424	4.192 ug/L	97
31) Carbon tetrachloride	5.12	117	47378	4.868 ug/L	98
33) Benzene	5.38	78	124404	4.804 ug/L	100
34) Trichloroethene	6.18	95	33928	4.554 ug/L	99
35) Methylcyclohexane	6.41	83	49870	4.162 ug/L	94
37) 1,2-Dichloropropane	6.43	63	35185	5.251 ug/L	99
38) Bromodichloromethane	6.75	83	44102	5.121 ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	49653	4.827 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	244294	51.231 ug/L	95
42) Toluene	7.63	91	136817	4.740 ug/L	96
44) trans-1,3-Dichloropropene	7.87	75	41497	5.052 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	24485	5.022 ug/L	97
47) Tetrachloroethene	8.22	164	27765	4.736 ug/L	95
48) 2-Hexanone	8.36	43	174684	51.262 ug/L	97
49) Dibromochloromethane	8.47	129	30400	4.875 ug/L	99
50) 1,2-Dibromoethane	8.58	107	23428	4.822 ug/L	97
51) Chlorobenzene	9.11	112	87612	4.841 ug/L	100
52) Ethylbenzene	9.24	91	146494	4.605 ug/L	99
53) m,p-Xylene	9.37	106	54034	4.481 ug/L	96
54) o-Xylene	9.77	106	54058	4.491 ug/L	96
55) Styrene	9.79	104	92655	4.679 ug/L	96
56) Isopropylbenzene	10.16	105	143988	4.535 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.45	83	32722	5.248 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	22950	5.216 ug/L	98
61) Bromoform	9.95	173	17451	4.535 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	71576	4.578 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	71580	4.503 ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	70806	4.686 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5281	4.978 ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	59604	4.756 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	46780	4.630 ug/L	99
69) Naphthalene	13.74	128	69811	3.941 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	44620	4.434 ug/L	96

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

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