Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\
Data File : VU032720.D
Acq On : 14 Jun 2019 01:53
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Jun 14 07:44:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105505	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	97707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52899	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	30848	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.67	69	26538	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.27	63	66856	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	4.18	46	104660	54.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.34%			
24) Chloroform-d	4.64	84	65950	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.30	65	35414	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%			
32) Benzene-d6	5.33	84	124780	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.32	67	39461	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.56	98	117242	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
43) trans-1,3-Dichloropropene-	7.84	79	16039	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
46) 2-Hexanone-d5	8.31	63	86070	53.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.38%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35657	5.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	48908	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46142	5.097	ug/L	100
3) Chloromethane	1.32	50	76907	8.191	ug/L	100
5) Vinyl chloride	1.40	62	44599	4.833	ug/L	100
6) Bromomethane	1.61	94	11927	2.119	ug/L	99
8) Chloroethane	1.69	64	27140	4.603	ug/L	98
9) Trichlorofluoromethane	1.88	101	64116	4.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33925	4.831	ug/L	99
12) 1,1-Dichloroethene	2.28	96	30987	4.623	ug/L	97
13) Acetone	2.32	43	74801	50.342	ug/L	95
14) Carbon disulfide	2.47	76	96965	4.517	ug/L	99
15) Methyl Acetate	2.61	43	18695	4.586	ug/L	100
16) Methylene chloride	2.69	84	36114	4.858	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	92359	4.711	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	34114	4.717	ug/L	99
19) 1,1-Dichloroethane	3.43	63	66181	5.112	ug/L	95
21) 2-Butanone	4.27	43	112154	51.898	ug/L	99
22) cis-1,2-Dichloroethene	4.21	96	38751	4.734	ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	17817	5.057 ug/L	96
25) Chloroform	4.67	83	68385	5.171 ug/L	98
27) 1,2-Dichloroethane	5.40	62	47690	5.487 ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	59994	5.039 ug/L	97
30) Cyclohexane	4.98	56	59004	4.689 ug/L	98
31) Carbon tetrachloride	5.12	117	51304	4.739 ug/L	100
33) Benzene	5.38	78	144757	5.025 ug/L	100
34) Trichloroethene	6.18	95	39160	4.726 ug/L	98
35) Methylcyclohexane	6.41	83	60065	4.507 ug/L	97
37) 1,2-Dichloropropane	6.42	63	38578	5.176 ug/L	100
38) Bromodichloromethane	6.75	83	48424	5.055 ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	55442	4.845 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	273308	51.527 ug/L	97
42) Toluene	7.63	91	156363	4.870 ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	43616	4.774 ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	27863	5.138 ug/L	98
47) Tetrachloroethene	8.22	164	32999	5.061 ug/L	94
48) 2-Hexanone	8.36	43	195755	51.644 ug/L	99
49) Dibromochloromethane	8.47	129	33448	4.822 ug/L	99
50) 1,2-Dibromoethane	8.58	107	26932	4.983 ug/L	99
51) Chlorobenzene	9.11	112	97999	4.868 ug/L	99
52) Ethylbenzene	9.24	91	169906	4.802 ug/L	99
53) m,p-Xylene	9.37	106	65492	4.882 ug/L	100
54) o-Xylene	9.77	106	62950	4.702 ug/L	99
55) Styrene	9.79	104	110744	5.028 ug/L	99
56) Isopropylbenzene	10.16	105	166937	4.727 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	36373	5.245 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	25940	5.300 ug/L	96
61) Bromoform	9.95	173	19345	4.552 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	81887	4.742 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	82261	4.686 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	81043	4.857 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	6660	5.685 ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	67556	4.881 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	59983	5.375 ug/L	98
69) Naphthalene	13.74	128	114915	5.874 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	57802	5.201 ug/L	97

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

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