Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039386.D
Acq On : 09 Jul 2020 10:09
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Jul 10 00:16:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 17:46:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109032	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50888	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	24970	3.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.00%			
7) Chloroethane-d5	1.92	69	27328	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.58	63	54900	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.40%			
20) 2-Butanone-d5	4.65	46	165213	57.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.28%			
24) Chloroform-d	5.08	84	62915	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	41650	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.74	84	110301	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.70	67	42288	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.91	98	87962	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	8.19	79	17401	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.64	63	124720	54.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.90%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44578	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	40689	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	36910	5.585	ug/L	94
3) Chloromethane	1.53	50	40244	5.026	ug/L	99
5) Vinyl chloride	1.61	62	45568	5.126	ug/L	97
6) Bromomethane	1.87	94	20440	5.339	ug/L	95
8) Chloroethane	1.94	64	29793	4.638	ug/L	97
9) Trichlorofluoromethane	2.15	101	82079	5.317	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	35976	5.679	ug/L	97
12) 1,1-Dichloroethene	2.59	96	32604	5.028	ug/L	89
13) Acetone	2.66	43	79588	50.995	ug/L	99
14) Carbon disulfide	2.81	76	109993	4.815	ug/L	100
15) Methyl Acetate	2.97	43	21501	5.216	ug/L	91
16) Methylene chloride	3.06	84	39173	4.803	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	99918	4.890	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	35277	4.914	ug/L	92
19) 1,1-Dichloroethane	3.89	63	69856	4.974	ug/L	97
21) 2-Butanone	4.73	43	140487	50.432	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	39264	4.878	ug/L	100

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Data File : VU039386.D
Acq On : 09 Jul 2020 10:09
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Jul 10 00:16:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 17:46:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	18638	5.097 ug/L	92
25) Chloroform	5.11	83	72776	5.131 ug/L	92
27) 1,2-Dichloroethane	5.81	62	51568	5.026 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	61266	5.078 ug/L	96
30) Cyclohexane	5.40	56	64585	5.084 ug/L	99
31) Carbon tetrachloride	5.54	117	51223	4.976 ug/L	99
33) Benzene	5.79	78	151150	4.935 ug/L	100
34) Trichloroethene	6.56	95	39329	4.967 ug/L	98
35) Methylcyclohexane	6.77	83	66716	5.259 ug/L	98
37) 1,2-Dichloropropane	6.80	63	41757	5.001 ug/L	100
38) Bromodichloromethane	7.11	83	52812	4.953 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	62238	4.931 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	339300	48.715 ug/L	99
42) Toluene	7.98	91	161218	4.916 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	54715	4.886 ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	30266	5.047 ug/L	97
47) Tetrachloroethene	8.56	164	27637	5.018 ug/L	96
48) 2-Hexanone	8.69	43	256987	50.041 ug/L	98
49) Dibromochloromethane	8.82	129	35533	4.892 ug/L	96
50) 1,2-Dibromoethane	8.93	107	29596	4.858 ug/L	99
51) Chlorobenzene	9.45	112	97024	4.841 ug/L	99
52) Ethylbenzene	9.57	91	183138	5.053 ug/L	99
53) m,p-Xylene	9.70	106	68390	5.008 ug/L	99
54) o-Xylene	10.10	106	65339	4.914 ug/L	97
55) Styrene	10.11	104	113006	4.885 ug/L	99
56) Isopropylbenzene	10.48	105	177521	4.937 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	39536	4.736 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	29696	4.826 ug/L	98
61) Bromoform	10.29	173	20328	4.740 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	78313	4.911 ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	79904	4.995 ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	76408	4.780 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	7002	4.959 ug/L #	84
67) 1,3,5-Trichlorobenzene	13.21	180	59291	4.969 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	51960	5.088 ug/L	97
69) Naphthalene	14.08	128	97961	4.768 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	47289	4.998 ug/L	97

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

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