Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039422.D
Acq On : 10 Jul 2020 02:38
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Jul 10 02:57:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 02:02:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	105138	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	23425	3.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.00%			
7) Chloroethane-d5	1.92	69	34394	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.40%			
11) 1,1-Dichloroethene-d2	2.58	63	50816	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.80%			
20) 2-Butanone-d5	4.65	46	167376	60.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.06%			
24) Chloroform-d	5.08	84	63333	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.72	65	40653	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.74	84	105347	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.71	67	40683	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.91	98	82290	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.40%			
43) trans-1,3-Dichloropropene-	8.19	79	16007	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.64	63	127098	58.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.06%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44123	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	39824	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	33591	5.271	ug/L	97
3) Chloromethane	1.53	50	36214	4.691	ug/L	96
5) Vinyl chloride	1.61	62	43038	5.020	ug/L	98
6) Bromomethane	1.87	94	18448	4.997	ug/L	92
8) Chloroethane	1.94	64	34826	5.623	ug/L	97
9) Trichlorofluoromethane	2.15	101	72853	4.894	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	31180	5.104	ug/L	99
12) 1,1-Dichloroethene	2.59	96	31257	4.999	ug/L	88
13) Acetone	2.66	43	71781	47.696	ug/L	99
14) Carbon disulfide	2.81	76	102249	4.642	ug/L	97
15) Methyl Acetate	2.97	43	19522	4.911	ug/L	93
16) Methylene chloride	3.06	84	37527	4.771	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	94629	4.803	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	33370	4.821	ug/L	91
19) 1,1-Dichloroethane	3.89	63	65155	4.811	ug/L	99
21) 2-Butanone	4.73	43	126652	47.150	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	38079	4.906	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	16628	4.716	ug/L		98
25) Chloroform	5.11	83	69195	5.059	ug/L		99
27) 1,2-Dichloroethane	5.81	62	48412	4.893	ug/L		100
29) 1,1,1-Trichloroethane	5.34	97	59718	5.173	ug/L		97
30) Cyclohexane	5.41	56	60953	5.015	ug/L		97
31) Carbon tetrachloride	5.54	117	50153	5.092	ug/L		96
33) Benzene	5.79	78	144578	4.934	ug/L		100
34) Trichloroethene	6.56	95	36617	4.833	ug/L		95
35) Methylcyclohexane	6.78	83	58437	4.815	ug/L		98
37) 1,2-Dichloropropane	6.81	63	39099	4.894	ug/L	#	98
38) Bromodichloromethane	7.12	83	49195	4.822	ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	57558	4.766	ug/L		97
40) 4-Methyl-2-pentanone	7.80	43	322000	48.318	ug/L		97
42) Toluene	7.98	91	158232	5.042	ug/L		99
44) trans-1,3-Dichloropropene	8.22	75	50048	4.671	ug/L		95
45) 1,1,2-Trichloroethane	8.41	97	28129	4.902	ug/L		94
47) Tetrachloroethene	8.56	164	26494	5.028	ug/L		97
48) 2-Hexanone	8.69	43	232809	47.379	ug/L		98
49) Dibromochloromethane	8.82	129	33361	4.800	ug/L		98
50) 1,2-Dibromoethane	8.93	107	27126	4.653	ug/L	#	93
51) Chlorobenzene	9.45	112	96435	5.029	ug/L		97
52) Ethylbenzene	9.57	91	173014	4.989	ug/L		99
53) m,p-Xylene	9.70	106	64056	4.902	ug/L		100
54) o-Xylene	10.10	106	62983	4.951	ug/L		100
55) Styrene	10.11	104	104346	4.714	ug/L		96
56) Isopropylbenzene	10.48	105	170859	4.966	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	38056	4.765	ug/L		99
59) 1,2,3-Trichloropropane	10.83	75	27365	4.648	ug/L		99
61) Bromoform	10.29	173	18731	4.502	ug/L		97
62) 1,3-Dichlorobenzene	11.74	146	72780	4.704	ug/L		100
63) 1,4-Dichlorobenzene	11.83	146	74486	4.799	ug/L		96
65) 1,2-Dichlorobenzene	12.21	146	72109	4.650	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	6014	4.390	ug/L		87
67) 1,3,5-Trichlorobenzene	13.21	180	54039	4.668	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	47539	4.799	ug/L		97
69) Naphthalene	14.08	128	90049	4.517	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	42168	4.594	ug/L		97

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

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