Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120619\
Data File : VU036032.D
Acq On : 06 Dec 2019 19:00
Operator : JC/SP
Sample : K6168-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE41

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12/11/2019 5:14:45 PM

Quant Time: Dec 07 00:45:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	288793	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104296	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	108804	3.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.20%			
7) Chloroethane-d5	1.92	69	136219	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.60	63	535422	11.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 226.60%#			
20) 2-Butanone-d5	4.68	46	280953	48.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.38%			
24) Chloroform-d	5.11	84	205030	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.75	65	104757	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
32) Benzene-d6	5.77	84	381558	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
36) 1,2-Dichloropropane-d6	6.73	67	124498	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.60%			
41) Toluene-d8	7.93	98	322748	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
43) trans-1,3-Dichloropropene-	8.21	79	44042	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.67	63	248275	54.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.72%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111289	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	108731	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	5553	0.163	ug/L	93
9) Trichlorofluoromethane	2.15	101	439284	10.844	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	336672	15.168	ug/L	92
12) 1,1-Dichloroethene	2.60	96	810080	39.140	ug/L #	65
13) Acetone	2.66	43	6226	1.181	ug/L	100
16) Methylene chloride	3.08	84	38069	1.187	ug/L	92
17) Methyl tert-butyl Ether	3.41	73	6368	0.131	ug/L #	91
18) trans-1,2-Dichloroethene	3.39	96	14034	0.640	ug/L	96
19) 1,1-Dichloroethane	3.92	63	629908	14.703	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	4239078	183.085	ug/L	88
25) Chloroform	5.13	83	311580	7.208	ug/L	99
27) 1,2-Dichloroethane	5.84	62	32172	1.164	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	289096	7.973	ug/L	98
30) Cyclohexane	5.42	56	5095	0.142	ug/L #	67
31) Carbon tetrachloride	5.57	117	41062	1.277	ug/L	95
33) Benzene	5.82	78	389584	4.132	ug/L	100
34) Trichloroethene	6.58	95	18220099m	764.202	ug/L	

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
38) Bromodichloromethane	7.14	83	1837	0.060	ug/L	#	97
45) 1,1,2-Trichloroethane	8.44	97	16835	0.969	ug/L		96
47) Tetrachloroethene	8.58	164	21542335m	1111.696	ug/L		
54) o-Xylene	10.13	106	42034	1.192	ug/L		87
56) Isopropylbenzene	10.51	105	11727	0.127	ug/L		95
63) 1,4-Dichlorobenzene	11.86	146	18957	0.551	ug/L		94
65) 1,2-Dichlorobenzene	12.24	146	8727	0.263	ug/L		88

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

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