Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122619\
Data File : VU036348.D
Acq On : 26 Dec 2019 16:00
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Dec 26 16:21:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 26 15:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	301828	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171868	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	107178	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.93	69	108370	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.59	63	159251	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.00%			
20) 2-Butanone-d5	4.69	46	264920	53.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.40%			
24) Chloroform-d	5.11	84	201116	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.75	65	103527	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.77	84	354414	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.73	67	117859	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.93	98	326167	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	8.21	79	48306	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.67	63	213420	54.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.26%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	109344	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	134983	4.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	125031	3.711	ug/L	99
3) Chloromethane	1.54	50	129764	3.070	ug/L	97
5) Vinyl chloride	1.62	62	151615	3.780	ug/L	98
6) Bromomethane	1.87	94	52585	2.624	ug/L	96
8) Chloroethane	1.95	64	98452	4.111	ug/L	98
9) Trichlorofluoromethane	2.16	101	193458	3.828	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	94915	3.920	ug/L	99
12) 1,1-Dichloroethene	2.61	96	86727	3.873	ug/L	92
13) Acetone	2.67	43	181323	41.783	ug/L	98
14) Carbon disulfide	2.82	76	277419	3.693	ug/L	99
15) Methyl Acetate	2.99	43	40373	4.605	ug/L	95
16) Methylene chloride	3.08	84	110558	3.359	ug/L	96
17) Methyl tert-butyl Ether	3.41	73	210301	4.382	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	93486	3.986	ug/L	98
19) 1,1-Dichloroethane	3.92	63	183716	4.243	ug/L	99
21) 2-Butanone	4.76	43	259427	44.737	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	104410	4.151	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	51460	4.228	ug/L	93
25) Chloroform	5.13	83	198883	4.247	ug/L	98
27) 1,2-Dichloroethane	5.84	62	123025	4.429	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	162366	4.168	ug/L	99
30) Cyclohexane	5.43	56	130001	3.923	ug/L	96
31) Carbon tetrachloride	5.56	117	147640	4.157	ug/L	98
33) Benzene	5.82	78	416876	4.287	ug/L	100
34) Trichloroethene	6.58	95	105596	4.212	ug/L	99
35) Methylcyclohexane	6.80	83	142273	3.992	ug/L	99
37) 1,2-Dichloropropane	6.83	63	108539	4.375	ug/L	98
38) Bromodichloromethane	7.14	83	141173	4.372	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	144359	4.271	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	607848	46.843	ug/L	100
42) Toluene	8.00	91	446376	4.283	ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	126569	4.458	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	82359	4.431	ug/L	91
47) Tetrachloroethene	8.58	164	90468	3.996	ug/L	95
48) 2-Hexanone	8.72	43	476585	49.213	ug/L	100
49) Dibromochloromethane	8.84	129	103872	4.521	ug/L	97
50) 1,2-Dibromoethane	8.95	107	75242	4.244	ug/L	92
51) Chlorobenzene	9.47	112	282747	4.108	ug/L	97
52) Ethylbenzene	9.60	91	433300	4.139	ug/L	98
53) m,p-Xylene	9.72	106	171004	4.240	ug/L	95
54) o-Xylene	10.13	106	161410	4.149	ug/L	97
55) Styrene	10.14	104	287962	4.183	ug/L	97
56) Isopropylbenzene	10.51	105	420142	4.205	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	106688	4.508	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	72197	4.379	ug/L	100
61) Bromoform	10.32	173	60802	4.075	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	235546	4.062	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	232070	4.035	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	225514	4.082	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16105	4.389	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	171274	3.942	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	115346	4.041	ug/L	99
69) Naphthalene	14.10	128	135352	3.727	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	113975	4.129	ug/L	99

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

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