Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\
Data File : VU035812.D
Acq On : 21 Nov 2019 19:41
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Nov 22 01:38:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	219730	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	134194	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	137266	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.93	69	131398	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.60	63	280623	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.20%			
20) 2-Butanone-d5	4.70	46	391303	58.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.82%			
24) Chloroform-d	5.11	84	256666	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.75	65	147883	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%			
32) Benzene-d6	5.77	84	496562	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.73	67	167445	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.93	98	472666	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	8.21	79	62891	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.68	63	297445	57.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.34%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	147632	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	141398	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	165574	5.561	ug/L	98
3) Chloromethane	1.54	50	185694	5.066	ug/L	100
5) Vinyl chloride	1.62	62	192569	5.248	ug/L	87
6) Bromomethane	1.87	94	60777	3.223	ug/L	97
8) Chloroethane	1.95	64	120549	5.678	ug/L	97
9) Trichlorofluoromethane	2.16	101	238294	5.593	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	133353	5.510	ug/L	99
12) 1,1-Dichloroethene	2.61	96	125404	5.485	ug/L	94
13) Acetone	2.67	43	331716	56.858	ug/L	98
14) Carbon disulfide	2.82	76	418059	5.505	ug/L	99
15) Methyl Acetate	3.00	43	72315	6.183	ug/L	98
16) Methylene chloride	3.08	84	151813	5.496	ug/L	100
17) Methyl tert-butyl Ether	3.42	73	302392	5.466	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	124189	5.516	ug/L	99
19) 1,1-Dichloroethane	3.92	63	279782	5.531	ug/L	99
21) 2-Butanone	4.78	43	452608	61.308	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	131902	5.258	ug/L #	94

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	62658	5.733 ug/L	97
25) Chloroform	5.14	83	279691	5.682 ug/L	98
27) 1,2-Dichloroethane	5.84	62	187694	5.798 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	219548	5.254 ug/L	99
30) Cyclohexane	5.43	56	193911	4.749 ug/L	99
31) Carbon tetrachloride	5.57	117	190133	5.254 ug/L	99
33) Benzene	5.82	78	573058	5.305 ug/L	100
34) Trichloroethene	6.58	95	140381	5.301 ug/L	100
35) Methylcyclohexane	6.80	83	180559	4.646 ug/L	96
37) 1,2-Dichloropropane	6.84	63	164627	5.374 ug/L	100
38) Bromodichloromethane	7.15	83	197394	5.376 ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	196273	4.949 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	1069218	56.849 ug/L	99
42) Toluene	8.01	91	609082	5.420 ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	175409	5.334 ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	108600	5.440 ug/L	97
47) Tetrachloroethene	8.58	164	102252	5.074 ug/L	96
48) 2-Hexanone	8.73	43	804248	58.081 ug/L	94
49) Dibromochloromethane	8.84	129	128417	5.453 ug/L	100
50) 1,2-Dibromoethane	8.96	107	100775	5.517 ug/L	92
51) Chlorobenzene	9.48	112	351639	5.052 ug/L	97
52) Ethylbenzene	9.60	91	573770	4.938 ug/L	97
53) m,p-Xylene	9.73	106	213441	5.211 ug/L	95
54) o-Xylene	10.13	106	202171	5.082 ug/L	98
55) Styrene	10.14	104	356219	5.399 ug/L	98
56) Isopropylbenzene	10.51	105	535340	5.094 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	145625	5.272 ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	109753	5.511 ug/L	98
61) Bromoform	10.32	173	73828	5.476 ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	247562	5.140 ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	239519	5.051 ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	237122	5.160 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	18440	4.849 ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	130042	4.493 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	70193	4.220 ug/L	98
69) Naphthalene	14.11	128	86952	3.712 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	73996	4.574 ug/L	97

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

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