Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
Data File : VU029337.D
Acq On : 01 Feb 2019 18:18
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00549

Quant Time: Feb 01 23:54:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR020119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 01 23:50:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	61751	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	33310	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	25242	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.68	69	22779	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.27	63	63938	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.80%			
20) 2-Butanone-d5	4.19	46	75958	48.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.16%			
24) Chloroform-d	4.65	84	57994	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.31	65	35306	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.34	84	94533	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.33	67	29810	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.56	98	91431	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	7.85	79	14428	5.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.60%			
46) 2-Hexanone-d5	8.31	63	61654	51.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25537	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	36218	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	41278	5.055	ug/L	99
3) Chloromethane	1.32	50	32047	5.264	ug/L	99
5) Vinyl chloride	1.40	62	35652	5.510	ug/L	100
6) Bromomethane	1.63	94	20825	4.861	ug/L	99
8) Chloroethane	1.70	64	23128	4.763	ug/L	94
9) Trichlorofluoromethane	1.88	101	61573	5.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	27529	4.889	ug/L	96
12) 1,1-Dichloroethene	2.28	96	24619	5.137	ug/L	93
13) Acetone	2.32	43	63474	43.996	ug/L	98
14) Carbon disulfide	2.48	76	87459	4.841	ug/L	98
15) Methyl Acetate	2.62	43	16427	4.834	ug/L	100
16) Methylene chloride	2.70	84	28143	4.870	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	75950	4.974	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	26574	4.958	ug/L	95
19) 1,1-Dichloroethane	3.44	63	59782	5.176	ug/L	97
21) 2-Butanone	4.28	43	76371	48.354	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	26855	5.180	ug/L	94

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 01 23:50:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	12267	5.290	ug/L	99
25) Chloroform	4.67	83	56079	5.135	ug/L	99
27) 1,2-Dichloroethane	5.41	62	43593	5.247	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	51828	5.021	ug/L	100
30) Cyclohexane	4.99	56	39682	4.886	ug/L	98
31) Carbon tetrachloride	5.13	117	45826	5.058	ug/L	97
33) Benzene	5.39	78	104943	5.138	ug/L	100
34) Trichloroethene	6.18	95	28100	5.072	ug/L	98
35) Methylcyclohexane	6.41	83	39866	4.900	ug/L	99
37) 1,2-Dichloropropane	6.43	63	28779	5.206	ug/L	100
38) Bromodichloromethane	6.75	83	40305	5.044	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	40772	5.065	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	190988	49.975	ug/L	100
42) Toluene	7.63	91	113488	5.262	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	38127	5.232	ug/L	94
45) 1,1,2-Trichloroethane	8.06	97	19051	4.967	ug/L	97
47) Tetrachloroethene	8.22	164	23117	5.042	ug/L	94
48) 2-Hexanone	8.36	43	138151	48.248	ug/L	100
49) Dibromochloromethane	8.47	129	26351	5.130	ug/L	99
50) 1,2-Dibromoethane	8.59	107	18227	5.018	ug/L	98
51) Chlorobenzene	9.12	112	71842	5.132	ug/L	98
52) Ethylbenzene	9.25	91	123007	5.139	ug/L	99
53) m,p-xylene	9.37	106	46487	5.159	ug/L	93
54) o-xylene	9.78	106	44282	5.131	ug/L	98
55) Styrene	9.79	104	80270	5.413	ug/L	98
56) Isopropylbenzene	10.16	105	122869	5.233	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	24188	4.885	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	19367	4.917	ug/L	100
61) Bromoform	9.95	173	15497	5.062	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	56234	4.932	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	58636	4.929	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	57143	5.128	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5208	5.368	ug/L	91
67) 1,3,5-Trichlorobenzene	12.88	180	48343	5.041	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	38562	4.707	ug/L	100
69) Naphthalene	13.74	128	61350	4.642	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	38038	4.741	ug/L	100

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

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