Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021420\
Data File : VU036800.D
Acq On : 14 Feb 2020 20:38
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Feb 14 23:44:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	121291	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	112683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50737	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	42850	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.93	69	41159	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.59	63	77240	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.60%			
20) 2-Butanone-d5	4.67	46	123461	56.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.88%			
24) Chloroform-d	5.11	84	80937	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.74	65	45084	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.76	84	167512	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.73	67	54419	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.93	98	151658	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	8.20	79	19872	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.66	63	106215	55.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.06%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44457	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	12.21	152	50047	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	37741	4.712	ug/L	99
3) Chloromethane	1.54	50	40839	4.898	ug/L	98
5) Vinyl chloride	1.62	62	47621	4.890	ug/L	97
6) Bromomethane	1.87	94	26935	4.603	ug/L	98
8) Chloroethane	1.95	64	30929	4.546	ug/L	98
9) Trichlorofluoromethane	2.16	101	59755	4.664	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	37296	4.558	ug/L	99
12) 1,1-Dichloroethene	2.60	96	35570	4.821	ug/L	96
13) Acetone	2.66	43	79682	28.487	ug/L	99
14) Carbon disulfide	2.82	76	81008	4.550	ug/L	100
15) Methyl Acetate	2.99	43	19637	5.291	ug/L	99
16) Methylene chloride	3.08	84	44909	3.611	ug/L	99
17) Methyl tert-butyl Ether	3.40	73	112455	5.146	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	37314	4.901	ug/L	98
19) 1,1-Dichloroethane	3.91	63	80861	5.065	ug/L	98
21) 2-Butanone	4.75	43	130836	40.211	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	46050	4.998	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	18422	5.030 ug/L	97
25) Chloroform	5.13	83	81285	4.767 ug/L	99
27) 1,2-Dichloroethane	5.83	62	53889	4.958 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	60857	4.917 ug/L	100
30) Cyclohexane	5.43	56	64648	4.918 ug/L	97
31) Carbon tetrachloride	5.56	117	46887	4.696 ug/L	99
33) Benzene	5.81	78	174872	5.031 ug/L	100
34) Trichloroethene	6.57	95	43735	4.941 ug/L	98
35) Methylcyclohexane	6.79	83	67044	4.773 ug/L	98
37) 1,2-Dichloropropane	6.83	63	48228	5.082 ug/L	99
38) Bromodichloromethane	7.14	83	57073	5.040 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	67157	4.891 ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	323728	52.862 ug/L	100
42) Toluene	8.00	91	187365	5.019 ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	52646	4.906 ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	34427	5.214 ug/L	98
47) Tetrachloroethene	8.58	164	28509	4.734 ug/L	97
48) 2-Hexanone	8.71	43	233399	44.535 ug/L	99
49) Dibromochloromethane	8.84	129	34416	5.041 ug/L	100
50) 1,2-Dibromoethane	8.95	107	30486	5.112 ug/L	100
51) Chlorobenzene	9.47	112	115010	4.980 ug/L	99
52) Ethylbenzene	9.59	91	205013	4.917 ug/L	100
53) m,p-Xylene	9.72	106	76053	4.957 ug/L	97
54) o-Xylene	10.12	106	74917	4.972 ug/L	96
55) Styrene	10.13	104	126786	4.992 ug/L	97
56) Isopropylbenzene	10.50	105	200222	4.966 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	45504	5.265 ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	32821	5.238 ug/L	97
61) Bromoform	10.31	173	17646	5.048 ug/L	95
62) 1,3-Dichlorobenzene	11.76	146	85429	4.887 ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	85374	4.927 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	82713	4.908 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	6478	5.151 ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	61383	4.988 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	46241	4.983 ug/L	99
69) Naphthalene	14.12	128	87621	5.211 ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	42819	5.141 ug/L	97

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

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