

Data File : VU038114.D
Acq On : 12 May 2020 10:10
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Quant Time: May 13 01:09:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 11 12:18:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	432666	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	421712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	212614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	190629	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	163614	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	323621	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.69	46	598146	61.26	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.52%
24) Chloroform-d	5.10	84	300547	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.74	65	176567	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.76	84	644983	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	206460	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.93	98	581481	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.21	79	84935	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.66	63	461233	59.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	174314	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	212400	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	192130	4.855 ug/L	99
3) Chloromethane	1.53	50	217354	4.558 ug/L	98
5) Vinyl chloride	1.62	62	226230	4.841 ug/L	99
6) Bromomethane	1.88	94	122914	4.620 ug/L	100
8) Chloroethane	1.95	64	130874	4.553 ug/L	97
9) Trichlorofluoromethane	2.16	101	240868	5.042 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	150773	5.090 ug/L	100
12) 1,1-Dichloroethene	2.61	96	147568	4.915 ug/L	91
13) Acetone	2.69	43	362734	59.211 ug/L	98
14) Carbon disulfide	2.82	76	500829	4.676 ug/L	100
15) Methyl Acetate	2.99	43	87762	5.121 ug/L	100
16) Methylene chloride	3.08	84	166075	4.745 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	406499	4.872 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	158068	4.822 ug/L	98
19) 1,1-Dichloroethane	3.91	63	308296	4.815 ug/L	100
21) 2-Butanone	4.76	43	633156	58.555 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	172199	4.875 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	76627	5.041	ug/L	96
25) Chloroform	5.13	83	296699	4.968	ug/L	96
27) 1,2-Dichloroethane	5.83	62	208824	4.954	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	244048	5.051	ug/L	99
30) Cyclohexane	5.42	56	297218	5.210	ug/L	97
31) Carbon tetrachloride	5.56	117	196194	5.052	ug/L	99
33) Benzene	5.81	78	676157	5.007	ug/L	100
34) Trichloroethene	6.57	95	169811	5.028	ug/L	99
35) Methylcyclohexane	6.79	83	288105	5.266	ug/L	96
37) 1,2-Dichloropropane	6.82	63	180338	4.916	ug/L	99
38) Bromodichloromethane	7.13	83	209383	4.938	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	266764	5.081	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1378840	54.236	ug/L	100
42) Toluene	8.00	91	711312	4.990	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	228708	5.123	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	130624	5.128	ug/L	99
47) Tetrachloroethene	8.58	164	120094	5.083	ug/L	99
48) 2-Hexanone	8.71	43	1041367	55.932	ug/L	100
49) Dibromochloromethane	8.84	129	137452	5.200	ug/L	96
50) 1,2-Dibromoethane	8.95	107	121104	5.123	ug/L	98
51) Chlorobenzene	9.47	112	443350	5.011	ug/L	99
52) Ethylbenzene	9.59	91	779527	5.048	ug/L	100
53) m,p-Xylene	9.71	106	297079	5.017	ug/L	98
54) o-Xylene	10.12	106	287109	5.015	ug/L	98
55) Styrene	10.13	104	494499	5.145	ug/L	99
56) Isopropylbenzene	10.50	105	758340	5.157	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	167133	5.168	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	128956	5.238	ug/L	96
61) Bromoform	10.31	173	75543	5.257	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	346055	5.002	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	346235	4.939	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	328957	4.943	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	27260	5.012	ug/L	96
67) 1,3,5-Trichlorobenzene	13.25	180	254341	5.067	ug/L	100
68) 1,2,4-trichlorobenzene	13.88	180	231751	5.090	ug/L	99
69) Naphthalene	14.12	128	484035	5.050	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	216774	5.122	ug/L	98

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

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