

Data File : VU036224.D
Acq On : 16 Dec 2019 09:55
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00515

Quant Time: Dec 17 01:17:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 16 17:07:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	231822	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102484	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	92876	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.60	63	144800	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.69	46	199390	52.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	5.11	84	173657	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.74	65	87956	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.77	84	313991	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.73	67	99421	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	302153	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	8.21	79	43033	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.67	63	160751	52.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	92651	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	118562	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	139907	5.407 ug/L	99
3) Chloromethane	1.54	50	160990	4.959 ug/L	100
5) Vinyl chloride	1.62	62	162719	5.282 ug/L	98
6) Bromomethane	1.87	94	91194	5.925 ug/L	90
8) Chloroethane	1.95	64	97713	5.312 ug/L	98
9) Trichlorofluoromethane	2.16	101	209863	5.406 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	103512	5.565 ug/L	98
12) 1,1-Dichloroethene	2.61	96	91031	5.293 ug/L	98
13) Acetone	2.67	43	158617	47.588 ug/L	96
14) Carbon disulfide	2.82	76	304522	5.277 ug/L	98
15) Methyl Acetate	2.99	43	37231	5.529 ug/L	99
16) Methylene chloride	3.08	84	124773	4.935 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	185787	5.041 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	95150	5.283 ug/L	98
19) 1,1-Dichloroethane	3.92	63	179314	5.392 ug/L	99
21) 2-Butanone	4.77	43	224971	50.511 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	100162	5.184 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	52444	5.610	ug/L	97
25) Chloroform	5.13	83	193083	5.368	ug/L	95
27) 1,2-Dichloroethane	5.84	62	118322	5.546	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	164972	5.435	ug/L	98
30) Cyclohexane	5.43	56	128067	4.959	ug/L	99
31) Carbon tetrachloride	5.56	117	151507	5.474	ug/L	100
33) Benzene	5.82	78	415296	5.481	ug/L	100
34) Trichloroethene	6.58	95	102196	5.231	ug/L	97
35) Methylcyclohexane	6.80	83	140671	5.065	ug/L	97
37) 1,2-Dichloropropane	6.83	63	105908	5.479	ug/L	99
38) Bromodichloromethane	7.14	83	136530	5.427	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	135570	5.147	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	533991	52.810	ug/L	99
42) Toluene	8.00	91	445909	5.490	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	120196	5.433	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	81665	5.638	ug/L	89
47) Tetrachloroethene	8.58	164	92395	5.237	ug/L	96
48) 2-Hexanone	8.72	43	419237	55.556	ug/L	99
49) Dibromochloromethane	8.84	129	99340	5.549	ug/L	98
50) 1,2-Dibromoethane	8.95	107	73941	5.352	ug/L #	98
51) Chlorobenzene	9.47	112	279306	5.208	ug/L	99
52) Ethylbenzene	9.60	91	418270	5.127	ug/L	99
53) m,p-Xylene	9.72	106	167221	5.320	ug/L	99
54) o-Xylene	10.13	106	158351	5.224	ug/L	94
55) Styrene	10.14	104	286423	5.339	ug/L	99
56) Isopropylbenzene	10.51	105	409169	5.256	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.81	83	100201	5.433	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	68738	5.350	ug/L	97
61) Bromoform	10.32	173	60164	5.223	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	233026	5.205	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	230142	5.183	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	217234	5.093	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	14297	5.047	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	157908	4.707	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	98886	4.487	ug/L	99
69) Naphthalene	14.11	128	115168	4.108	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	95807	4.495	ug/L	99

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

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