

Data File : VU035049.D
Acq On : 10 Oct 2019 15:33
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Quant Time: Oct 11 02:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	168066	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	172097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	88493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52856	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.67	69	48689	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.26	63	107206	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	4.18	46	158150	54.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	4.62	84	91980	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.29	65	54962	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.32	84	191248	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.31	67	65312	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.54	98	181701	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.83	79	22557	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.30	63	119561	51.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57801	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	69894	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	78247	5.094 ug/L	97
3) Chloromethane	1.32	50	87731	5.207 ug/L	99
5) Vinyl chloride	1.40	62	86274	5.213 ug/L	99
6) Bromomethane	1.62	94	49243	5.353 ug/L	96
8) Chloroethane	1.69	64	53944	5.435 ug/L	95
9) Trichlorofluoromethane	1.88	101	106814	5.337 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	60139	5.233 ug/L	98
12) 1,1-Dichloroethene	2.27	96	54686	5.066 ug/L	83
13) Acetone	2.32	43	132323	55.223 ug/L	95
14) Carbon disulfide	2.46	76	171839	4.783 ug/L	99
15) Methyl Acetate	2.61	43	33725	5.287 ug/L	96
16) Methylene chloride	2.68	84	65788	4.923 ug/L	85
17) Methyl tert-butyl Ether	2.99	73	158044	5.366 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	58236	5.038 ug/L	95
19) 1,1-Dichloroethane	3.42	63	121094	5.271 ug/L	99
21) 2-Butanone	4.26	43	184465	54.058 ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	65238	5.060 ug/L	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	29777	5.510	ug/L	94
25) Chloroform	4.65	83	132306	5.125	ug/L	100
27) 1,2-Dichloroethane	5.39	62	78028	5.176	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	97245	5.031	ug/L	98
30) Cyclohexane	4.97	56	103154	4.854	ug/L	95
31) Carbon tetrachloride	5.11	117	83116	4.959	ug/L	99
33) Benzene	5.37	78	262798	5.069	ug/L	100
34) Trichloroethene	6.16	95	65879	4.928	ug/L	98
35) Methylcyclohexane	6.39	83	102897	4.752	ug/L	97
37) 1,2-Dichloropropane	6.41	63	72577	5.190	ug/L	100
38) Bromodichloromethane	6.74	83	82774	5.049	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	93591	4.941	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	465074	52.843	ug/L	95
42) Toluene	7.62	91	283371	5.237	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	74421	5.072	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	48391	5.212	ug/L	93
47) Tetrachloroethene	8.21	164	54478	5.034	ug/L	92
48) 2-Hexanone	8.35	43	324112	53.712	ug/L	96
49) Dibromochloromethane	8.46	129	54373	5.067	ug/L	98
50) 1,2-Dibromoethane	8.57	107	46208	5.207	ug/L	98
51) Chlorobenzene	9.10	112	176715	5.039	ug/L	98
52) Ethylbenzene	9.23	91	301698	5.048	ug/L	99
53) m,p-Xylene	9.36	106	113269	5.131	ug/L	95
54) o-Xylene	9.76	106	109792	5.085	ug/L	94
55) Styrene	9.77	104	185798	5.314	ug/L	99
56) Isopropylbenzene	10.15	105	293532	5.103	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	66576	5.273	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	47005	5.193	ug/L	99
61) Bromoform	9.94	173	29094	4.794	ug/L	96
62) 1,3-Dichlorobenzene	11.40	146	139229	5.107	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	136018	4.944	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	132085	5.021	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	8332	4.984	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	91106	4.935	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	61077	4.430	ug/L	97
69) Naphthalene	13.72	128	80755	3.767	ug/L	98
70) 1,2,3-Trichlorobenzene	13.96	180	60600	4.520	ug/L	99

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

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