

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039103.D
 Acq On : 25 Jun 2020 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Jun 26 00:55:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 17:27:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292305	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145038	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91801	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	83526	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	189216	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.67	46	413973	53.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	5.10	84	207270	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	123174	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	376241	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.72	67	127336	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.92	98	319023	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.20	79	55865	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.66	63	328038	53.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125713	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	121048	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	130165	4.976	ug/L 99
3) Chloromethane	1.53	50	132774	4.716	ug/L 95
5) Vinyl chloride	1.62	62	140907	4.963	ug/L 98
6) Bromomethane	1.88	94	57808	3.781	ug/L 99
8) Chloroethane	1.95	64	84480	4.936	ug/L 96
9) Trichlorofluoromethane	2.16	101	183131	5.038	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	111623	5.275	ug/L 98
12) 1,1-Dichloroethene	2.60	96	99338	4.907	ug/L 94
13) Acetone	2.67	43	256481	48.892	ug/L 99
14) Carbon disulfide	2.82	76	327225	4.848	ug/L 100
15) Methyl Acetate	2.98	43	63126	5.068	ug/L 99
16) Methylene chloride	3.08	84	118610	4.749	ug/L 97
17) Methyl tert-butyl Ether	3.40	73	278113	4.826	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	103842	4.794	ug/L 98
19) 1,1-Dichloroethane	3.91	63	212173	4.927	ug/L 99
21) 2-Butanone	4.75	43	410258	51.438	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	114145	4.883	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	52173	4.850	ug/L	90
25) Chloroform	5.13	83	208299	4.815	ug/L	97
27) 1,2-Dichloroethane	5.83	62	149438	4.847	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	180211	4.919	ug/L	98
30) Cyclohexane	5.42	56	173184	5.081	ug/L	98
31) Carbon tetrachloride	5.56	117	149490	4.900	ug/L	100
33) Benzene	5.81	78	453290	4.914	ug/L	100
34) Trichloroethene	6.57	95	110946	4.973	ug/L	99
35) Methylcyclohexane	6.79	83	171785	5.189	ug/L	99
37) 1,2-Dichloropropane	6.82	63	126506	5.063	ug/L	99
38) Bromodichloromethane	7.13	83	153218	4.918	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	172575	4.983	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	956246	51.271	ug/L	99
42) Toluene	7.99	91	469942	5.133	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	162035	5.000	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	90954	4.897	ug/L	98
47) Tetrachloroethene	8.57	164	80177	4.986	ug/L	96
48) 2-Hexanone	8.71	43	725464	53.059	ug/L	99
49) Dibromochloromethane	8.83	129	100717	4.987	ug/L	97
50) 1,2-Dibromoethane	8.95	107	87356	4.975	ug/L	97
51) Chlorobenzene	9.47	112	288602	5.008	ug/L	98
52) Ethylbenzene	9.59	91	490527	5.097	ug/L	97
53) m,p-Xylene	9.71	106	183359	5.182	ug/L	98
54) o-Xylene	10.12	106	174654	5.138	ug/L	97
55) Styrene	10.13	104	311891	5.224	ug/L	99
56) Isopropylbenzene	10.50	105	461609	5.183	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	121007	4.873	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	90994	4.830	ug/L	100
61) Bromoform	10.31	173	56144	4.739	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	218102	5.057	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	223621	5.035	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	211697	4.896	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	21877	4.586	ug/L	99
67) 1,3,5-Trichlorobenzene	13.25	180	154487	4.840	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	133379	4.588	ug/L	99
69) Naphthalene	14.12	128	269500	4.345	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	131374	4.682	ug/L	100

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

