

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039844.D
 Acq On : 13 Aug 2020 10:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Aug 14 01:31:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 13 13:06:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	87490	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84078	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21183	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.92	69	21428	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	47345	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.66	46	92528	44.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.06%
24) Chloroform-d	5.08	84	50083	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.72	65	29933	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.74	84	93927	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	31218	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.91	98	80502	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.18	79	11718	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	65297	45.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28379	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	36387	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	38705	5.486	ug/L 100
3) Chloromethane	1.53	50	38192	5.147	ug/L 97
5) Vinyl chloride	1.61	62	37913	5.330	ug/L 99
6) Bromomethane	1.87	94	19247	4.276	ug/L 100
8) Chloroethane	1.94	64	23152	4.438	ug/L 99
9) Trichlorofluoromethane	2.15	101	59284	5.359	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	29853	4.973	ug/L 97
12) 1,1-Dichloroethene	2.59	96	27298	5.231	ug/L 96
13) Acetone	2.67	43	62023	50.632	ug/L 98
14) Carbon disulfide	2.81	76	98233	6.020	ug/L 99
15) Methyl Acetate	2.97	43	15347	5.080	ug/L 98
16) Methylene chloride	3.06	84	33737	4.010	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	73691	5.318	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	30113	5.183	ug/L 92
19) 1,1-Dichloroethane	3.89	63	55085	5.135	ug/L 97
21) 2-Butanone	4.74	43	101168	52.406	ug/L # 71
22) cis-1,2-Dichloroethene	4.69	96	32092	5.078	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	15319	5.161	ug/L	82
25) Chloroform	5.11	83	60337	5.233	ug/L	89
27) 1,2-Dichloroethane	5.81	62	39207	4.934	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	51367	5.477	ug/L	98
30) Cyclohexane	5.40	56	49607	5.497	ug/L	98
31) Carbon tetrachloride	5.54	117	45786	5.321	ug/L	94
33) Benzene	5.79	78	121301	5.295	ug/L	100
34) Trichloroethene	6.55	95	30789	5.175	ug/L	96
35) Methylcyclohexane	6.77	83	51618	5.436	ug/L	96
37) 1,2-Dichloropropane	6.80	63	30852	5.071	ug/L #	93
38) Bromodichloromethane	7.11	83	40835	5.130	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	45157	5.442	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	235496	51.794	ug/L	99
42) Toluene	7.97	91	128710	5.347	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	39242	5.249	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	23193	5.068	ug/L	96
47) Tetrachloroethene	8.56	164	25633	5.223	ug/L	95
48) 2-Hexanone	8.69	43	174236	53.067	ug/L	98
49) Dibromochloromethane	8.81	129	29059	5.174	ug/L	100
50) 1,2-Dibromoethane	8.93	107	23641	5.268	ug/L	97
51) Chlorobenzene	9.45	112	82559	5.104	ug/L	98
52) Ethylbenzene	9.57	91	139282	5.169	ug/L	99
53) m,p-Xylene	9.69	106	54452	5.307	ug/L	92
54) o-Xylene	10.10	106	51816	5.157	ug/L	98
55) Styrene	10.11	104	90299	5.337	ug/L	100
56) Isopropylbenzene	10.48	105	137696	5.128	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	30609	4.861	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	22035	5.021	ug/L	98
61) Bromoform	10.29	173	16109	5.153	ug/L	90
62) 1,3-Dichlorobenzene	11.74	146	70819	5.230	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	70547	4.942	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	64784	4.856	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5149	5.105	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	51707	5.039	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	46968	5.461	ug/L	98
69) Naphthalene	14.08	128	87745	5.706	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	44694	5.793	ug/L	98

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

