

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101419\
 Data File : VU035177.D
 Acq On : 15 Oct 2019 02:18
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Oct 15 08:06:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	137662	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	147479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	73343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40026	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.67	69	39086	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.26	63	87076	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	4.18	46	154919	64.65	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.30%
24) Chloroform-d	4.62	84	80588	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.29	65	48101	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.32	84	156078	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.31	67	57406	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.55	98	149733	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.84	79	19193	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.30	63	108071	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53927	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	57611	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	67554	5.370	ug/L 98
3) Chloromethane	1.32	50	73456	5.323	ug/L 99
5) Vinyl chloride	1.40	62	76275	5.627	ug/L 99
6) Bromomethane	1.62	94	44688	5.930	ug/L 95
8) Chloroethane	1.69	64	47434	5.834	ug/L 95
9) Trichlorofluoromethane	1.88	101	94850	5.785	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	52652	5.593	ug/L 98
12) 1,1-Dichloroethene	2.27	96	48153	5.446	ug/L 82
13) Acetone	2.32	43	117751	59.995	ug/L 95
14) Carbon disulfide	2.46	76	149728	5.088	ug/L 99
15) Methyl Acetate	2.61	43	30548	5.847	ug/L 92
16) Methylene chloride	2.68	84	59349	5.422	ug/L 82
17) Methyl tert-butyl Ether	2.99	73	140871	5.839	ug/L 98
18) trans-1,2-Dichloroethene	2.96	96	51828	5.474	ug/L 93
19) 1,1-Dichloroethane	3.42	63	110141	5.853	ug/L 100
21) 2-Butanone	4.27	43	168309	60.218	ug/L 95
22) cis-1,2-Dichloroethene	4.20	96	57048	5.402	ug/L 86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	26044	5.884	ug/L	89
25) Chloroform	4.65	83	117488	5.557	ug/L	98
27) 1,2-Dichloroethane	5.38	62	71271	5.772	ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	87542	5.285	ug/L	96
30) Cyclohexane	4.97	56	82763	4.544	ug/L	96
31) Carbon tetrachloride	5.11	117	78873	5.492	ug/L	97
33) Benzene	5.37	78	229931	5.176	ug/L	100
34) Trichloroethene	6.16	95	57525	5.021	ug/L	96
35) Methylcyclohexane	6.39	83	82292	4.435	ug/L	96
37) 1,2-Dichloropropane	6.41	63	64877	5.414	ug/L	100
38) Bromodichloromethane	6.74	83	78800	5.609	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	78994	4.866	ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	425061	56.359	ug/L	93
42) Toluene	7.62	91	246587	5.318	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	65441	5.205	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	44825	5.634	ug/L	94
47) Tetrachloroethene	8.21	164	45494	4.906	ug/L	95
48) 2-Hexanone	8.35	43	291530	56.377	ug/L	97
49) Dibromochloromethane	8.46	129	52799	5.741	ug/L	100
50) 1,2-Dibromoethane	8.57	107	40701	5.352	ug/L #	97
51) Chlorobenzene	9.10	112	157216	5.232	ug/L	99
52) Ethylbenzene	9.23	91	257367	5.025	ug/L	99
53) m,p-Xylene	9.36	106	94170	4.978	ug/L	97
54) o-Xylene	9.76	106	93777	5.068	ug/L	97
55) Styrene	9.77	104	164844	5.502	ug/L	98
56) Isopropylbenzene	10.15	105	249179	5.055	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	60423	5.584	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	42340	5.459	ug/L	100
61) Bromoform	9.94	173	28587	5.683	ug/L	96
62) 1,3-Dichlorobenzene	11.40	146	119117	5.272	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	120315	5.276	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	114965	5.273	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	7893	5.697	ug/L	94
67) 1,3,5-Trichlorobenzene	12.86	180	72747	4.755	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	48303	4.228	ug/L	98
69) Naphthalene	13.72	128	62470	3.516	ug/L	98
70) 1,2,3-Trichlorobenzene	13.96	180	52500	4.725	ug/L	95

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

