

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035939.D
 Acq On : 03 Dec 2019 10:04
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Dec 03 18:28:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 03 18:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	352097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	361786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	175534	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	190083	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	151327	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	277831	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.70	46	332348	46.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	5.11	84	265547	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.75	65	134782	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.77	84	520304	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	161318	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	475339	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.21	79	66229	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.67	63	269625	48.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	135167	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	156581	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	189690	5.202	ug/L 100
3) Chloromethane	1.53	50	205493	4.935	ug/L 100
5) Vinyl chloride	1.62	62	218150	5.187	ug/L 99
6) Bromomethane	1.87	94	118180	4.900	ug/L 98
8) Chloroethane	1.95	64	125842	4.825	ug/L 98
9) Trichlorofluoromethane	2.16	101	254020	5.143	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	138467	5.117	ug/L 99
12) 1,1-Dichloroethene	2.60	96	130895	5.187	ug/L 96
13) Acetone	2.69	43	291979	45.438	ug/L 96
14) Carbon disulfide	2.82	76	449221	5.082	ug/L 99
15) Methyl Acetate	3.00	43	54970	4.773	ug/L 99
16) Methylene chloride	3.08	84	163629	4.186	ug/L 97
17) Methyl tert-butyl Ether	3.42	73	286919	4.854	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	133669	5.003	ug/L 96
19) 1,1-Dichloroethane	3.92	63	268529	5.141	ug/L 98
21) 2-Butanone	4.78	43	410245	49.733	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	139682	4.948	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	66814	5.171	ug/L	97
25) Chloroform	5.13	83	263747	5.004	ug/L	98
27) 1,2-Dichloroethane	5.84	62	168558	5.004	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	222487	5.085	ug/L	99
30) Cyclohexane	5.43	56	215738	4.992	ug/L	99
31) Carbon tetrachloride	5.57	117	198411	5.115	ug/L	99
33) Benzene	5.82	78	588360	5.171	ug/L	100
34) Trichloroethene	6.58	95	143449	4.986	ug/L	98
35) Methylcyclohexane	6.80	83	215985	5.007	ug/L	99
37) 1,2-Dichloropropane	6.83	63	153836	4.994	ug/L	99
38) Bromodichloromethane	7.14	83	187387	5.082	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	207217	5.070	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	914667	50.517	ug/L	98
42) Toluene	8.00	91	624400	5.254	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	175006	5.008	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	107003	5.102	ug/L	98
47) Tetrachloroethene	8.58	164	116243	4.971	ug/L	99
48) 2-Hexanone	8.73	43	704734	52.693	ug/L	97
49) Dibromochloromethane	8.84	129	125529	4.908	ug/L	97
50) 1,2-Dibromoethane	8.96	107	102427	5.033	ug/L	99
51) Chlorobenzene	9.47	112	372199	5.015	ug/L	98
52) Ethylbenzene	9.60	91	610055	5.078	ug/L	100
53) m,p-Xylene	9.72	106	231401	5.103	ug/L	97
54) o-Xylene	10.13	106	221647	5.208	ug/L	96
55) Styrene	10.14	104	384538	5.373	ug/L	97
56) Isopropylbenzene	10.51	105	577599	5.178	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	137968	4.902	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	98239	4.906	ug/L	97
61) Bromoform	10.32	173	73384	4.526	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	288035	4.934	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	276992	4.780	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	271858	4.872	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	19413	4.466	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	187973	4.717	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	99138	4.642	ug/L	99
69) Naphthalene	14.11	128	89697	3.688	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	94562	4.472	ug/L	97

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

