

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110419\
 Data File : VU035615.D
 Acq On : 04 Nov 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Nov 05 02:40:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 02:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	145305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110910	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.93	69	94911	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.60	63	194807	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.71	46	262334	50.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.98%
24) Chloroform-d	5.11	84	182254	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	96771	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.77	84	383837	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	123169	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.93	98	364907	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.22	79	48699	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.68	63	201982	50.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.98%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106722	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	139675	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	132539	5.442 ug/L	97
3) Chloromethane	1.54	50	147754	5.260 ug/L	100
5) Vinyl chloride	1.62	62	156184	5.427 ug/L	92
6) Bromomethane	1.87	94	84619	5.157 ug/L	98
8) Chloroethane	1.95	64	90082	5.455 ug/L	100
9) Trichlorofluoromethane	2.16	101	191712	5.460 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	111630	5.382 ug/L	98
12) 1,1-Dichloroethene	2.61	96	103581	5.204 ug/L	96
13) Acetone	2.68	43	187044	50.428 ug/L	100
14) Carbon disulfide	2.82	76	338036	5.237 ug/L	99
15) Methyl Acetate	3.00	43	44265	5.137 ug/L	99
16) Methylene chloride	3.08	84	118654	5.028 ug/L	99
17) Methyl tert-butyl Ether	3.43	73	245648	5.265 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	107325	5.236 ug/L	93
19) 1,1-Dichloroethane	3.92	63	205416	5.397 ug/L	99
21) 2-Butanone	4.79	43	281547	51.121 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	117549	5.193 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	56292	5.250	ug/L	98
25) Chloroform	5.14	83	225247	5.442	ug/L	98
27) 1,2-Dichloroethane	5.84	62	124965	5.425	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	176233	5.384	ug/L	99
30) Cyclohexane	5.43	56	166628	5.091	ug/L	98
31) Carbon tetrachloride	5.57	117	159129	5.394	ug/L	98
33) Benzene	5.82	78	462474	5.285	ug/L	100
34) Trichloroethene	6.58	95	118210	5.278	ug/L	99
35) Methylcyclohexane	6.80	83	171480	5.026	ug/L	99
37) 1,2-Dichloropropane	6.84	63	119674	5.190	ug/L	100
38) Bromodichloromethane	7.15	83	148049	5.307	ug/L	96
39) cis-1,3-Dichloropropene	7.65	75	166572	5.062	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	677234	51.078	ug/L	99
42) Toluene	8.01	91	501244	5.444	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	136228	5.177	ug/L	95
45) 1,1,2-Trichloroethane	8.44	97	88291	5.347	ug/L	98
47) Tetrachloroethene	8.58	164	103647	5.311	ug/L	96
48) 2-Hexanone	8.73	43	482188	51.171	ug/L	98
49) Dibromochloromethane	8.84	129	105655	5.187	ug/L	97
50) 1,2-Dibromoethane	8.96	107	82902	5.291	ug/L	100
51) Chlorobenzene	9.48	112	321629	5.320	ug/L	100
52) Ethylbenzene	9.60	91	498890	5.149	ug/L	99
53) m,p-Xylene	9.72	106	200515	5.465	ug/L	99
54) o-Xylene	10.13	106	191112	5.390	ug/L	98
55) Styrene	10.14	104	322334	5.498	ug/L	99
56) Isopropylbenzene	10.51	105	494047	5.280	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	110985	5.144	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	78660	5.158	ug/L	99
61) Bromoform	10.32	173	64066	4.851	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	244760	5.010	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	241400	5.131	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	229975	5.016	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	14262	4.888	ug/L	88
67) 1,3,5-Trichlorobenzene	13.24	180	161253	5.121	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	81823	4.312	ug/L	100
69) Naphthalene	14.11	128	84423	3.613	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	83586	4.556	ug/L	99

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

