

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031464.D
 Acq On : 24 Apr 2019 12:21
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Apr 25 06:04:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:01:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	375679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	159471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152836	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.68	69	117476	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	284069	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.21	46	434183	53.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.68%
24) Chloroform-d	4.64	84	242734	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.31	65	129210	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.33	84	486452	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.33	67	161598	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.56	98	438340	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.85	79	62075	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.31	63	325859	54.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132394	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	150134	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	163816	5.082 ug/L	99
3) Chloromethane	1.32	50	199019	5.011 ug/L	100
5) Vinyl chloride	1.40	62	200510	5.115 ug/L	97
6) Bromomethane	1.63	94	105318	5.232 ug/L	99
8) Chloroethane	1.70	64	113204	5.102 ug/L	100
9) Trichlorofluoromethane	1.88	101	228709	5.066 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	132253	5.065 ug/L	99
12) 1,1-Dichloroethene	2.28	96	128523	4.923 ug/L	98
13) Acetone	2.35	43	284695	49.687 ug/L	97
14) Carbon disulfide	2.47	76	438480	5.052 ug/L	99
15) Methyl Acetate	2.63	43	79113	5.000 ug/L	98
16) Methylene chloride	2.70	84	145802	4.939 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	368773	5.004 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	139500	5.075 ug/L	98
19) 1,1-Dichloroethane	3.44	63	263370	5.036 ug/L	99
21) 2-Butanone	4.30	43	466415	53.538 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	142683	5.016 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	62025	5.070	ug/L	98
25) Chloroform	4.67	83	247072	5.093	ug/L	99
27) 1,2-Dichloroethane	5.40	62	161294	5.060	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	204451	5.076	ug/L	99
30) Cyclohexane	4.98	56	248122	5.117	ug/L	99
31) Carbon tetrachloride	5.13	117	174067	5.024	ug/L	98
33) Benzene	5.38	78	564252	5.186	ug/L	100
34) Trichloroethene	6.18	95	141051	4.919	ug/L	98
35) Methylcyclohexane	6.41	83	219206	5.166	ug/L	99
37) 1,2-Dichloropropane	6.43	63	148657	5.098	ug/L	100
38) Bromodichloromethane	6.76	83	175045	5.131	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	208646	5.148	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1046661	52.459	ug/L	99
42) Toluene	7.63	91	573087	5.247	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	165113	5.266	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	100549	5.061	ug/L	93
47) Tetrachloroethene	8.22	164	102606	5.121	ug/L	98
48) 2-Hexanone	8.36	43	761604	54.419	ug/L	99
49) Dibromochloromethane	8.47	129	116285	5.222	ug/L	95
50) 1,2-Dibromoethane	8.58	107	97139	5.093	ug/L #	95
51) Chlorobenzene	9.12	112	343527	5.185	ug/L	96
52) Ethylbenzene	9.25	91	598340	5.146	ug/L	100
53) m,p-Xylene	9.37	106	218198	5.270	ug/L	97
54) o-Xylene	9.77	106	214304	5.243	ug/L	97
55) Styrene	9.79	104	371505	5.494	ug/L	97
56) Isopropylbenzene	10.16	105	572731	5.303	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	129189	5.110	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	97162	5.290	ug/L	99
61) Bromoform	9.95	173	66859	5.329	ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	242655	5.140	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	247970	5.043	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	243396	5.199	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	21746	5.553	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	187623	5.231	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	147392	5.216	ug/L	96
69) Naphthalene	13.74	128	298701	5.408	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	151637	5.437	ug/L	98

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

