

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090119\
 Data File : VU034131.D
 Acq On : 31 Aug 2019 18:25
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Sep 01 01:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Sep 01 01:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	312502	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	169362	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107118	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.67	69	89820	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.26	63	209141	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.00%
20) 2-Butanone-d5	4.17	46	253641	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	4.62	84	192697	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.29	65	94581	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.32	84	410257	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.31	67	126164	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.55	98	370846	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.83	79	43720	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.30	63	195148	50.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	96520	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	145584	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	160503	5.360	ug/L	99
3) Chloromethane	1.32	50	157786	5.336	ug/L	99
5) Vinyl chloride	1.40	62	165172	5.383	ug/L	98
6) Bromomethane	1.62	94	72941	5.057	ug/L	97
8) Chloroethane	1.69	64	96366	5.471	ug/L	97
9) Trichlorofluoromethane	1.88	101	186926	5.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	107936	5.472	ug/L	97
12) 1,1-Dichloroethene	2.27	96	106538	5.481	ug/L	97
13) Acetone	2.31	43	171835	52.787	ug/L	99
14) Carbon disulfide	2.47	76	353115	5.323	ug/L	98
15) Methyl Acetate	2.61	43	49260	5.394	ug/L	100
16) Methylene chloride	2.68	84	116164	5.265	ug/L	99
17) Methyl tert-butyl Ether	2.99	73	259127	5.358	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	113940	5.421	ug/L	99
19) 1,1-Dichloroethane	3.42	63	226563	5.466	ug/L	98
21) 2-Butanone	4.26	43	301299	55.554	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	126067	5.333	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	54611	5.380	ug/L	95
25) Chloroform	4.65	83	229242	5.433	ug/L	100
27) 1,2-Dichloroethane	5.39	62	129297	5.552	ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	179926	5.317	ug/L	99
30) Cyclohexane	4.97	56	198634	4.963	ug/L	99
31) Carbon tetrachloride	5.11	117	158310	5.290	ug/L	99
33) Benzene	5.37	78	495060	5.304	ug/L	100
34) Trichloroethene	6.16	95	122714	5.101	ug/L	98
35) Methylcyclohexane	6.39	83	193206	4.846	ug/L	98
37) 1,2-Dichloropropane	6.41	63	126616	5.265	ug/L	99
38) Bromodichloromethane	6.74	83	146060	5.215	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	164257	4.899	ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	699208	52.402	ug/L	98
42) Toluene	7.62	91	521435	5.293	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	126668	5.083	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	82417	5.344	ug/L	96
47) Tetrachloroethene	8.21	164	102773	5.198	ug/L	97
48) 2-Hexanone	8.35	43	487923	52.508	ug/L	98
49) Dibromochloromethane	8.46	129	97062	5.304	ug/L	100
50) 1,2-Dibromoethane	8.57	107	76456	5.238	ug/L	100
51) Chlorobenzene	9.10	112	323618	5.151	ug/L	99
52) Ethylbenzene	9.23	91	540540	5.078	ug/L	98
53) m,p-Xylene	9.36	106	214011	5.231	ug/L	98
54) o-Xylene	9.76	106	202766	5.172	ug/L	99
55) Styrene	9.77	104	347602	5.308	ug/L	100
56) Isopropylbenzene	10.15	105	531351	5.095	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	103487	5.217	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	72046	5.231	ug/L	99
61) Bromoform	9.94	173	54496	5.141	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	268928	5.094	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	270425	5.081	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	249349	5.153	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	15600	5.325	ug/L	94
67) 1,3,5-Trichlorobenzene	12.87	180	204378	4.833	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	156137	4.817	ug/L	98
69) Naphthalene	13.73	128	220741	4.523	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	145200	4.919	ug/L	100

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

