

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035735.D
 Acq On : 18 Nov 2019 10:01
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Nov 19 00:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	206212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	226371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	132539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95398	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.93	69	87014	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.60	63	169184	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.71	46	246645	52.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	5.11	84	183692	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.75	65	88895	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.77	84	341577	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.73	67	110170	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	323637	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.21	79	44680	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.68	63	181454	50.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	101315	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	118954	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	118859	5.357 ug/L	98
3) Chloromethane	1.53	50	134793	5.267 ug/L	99
5) Vinyl chloride	1.62	62	142051	5.418 ug/L	99
6) Bromomethane	1.88	94	82473	5.518 ug/L	100
8) Chloroethane	1.95	64	84055	5.588 ug/L	99
9) Trichlorofluoromethane	2.16	101	174945	5.469 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	103954	5.502 ug/L	98
12) 1,1-Dichloroethene	2.61	96	98671	5.442 ug/L	85
13) Acetone	2.69	43	178913	52.952 ug/L	92
14) Carbon disulfide	2.82	76	311723	5.301 ug/L	99
15) Methyl Acetate	3.00	43	38990	4.968 ug/L	100
16) Methylene chloride	3.08	84	112618	5.238 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	216786	5.101 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	99718	5.340 ug/L	98
19) 1,1-Dichloroethane	3.92	63	191676	5.529 ug/L	97
21) 2-Butanone	4.79	43	265218	52.864 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	105584	5.121 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
 Data File : VU035735.D
 Acq On : 18 Nov 2019 10:01
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Nov 19 00:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	53521	5.480	ug/L	94
25) Chloroform	5.14	83	214332	5.685	ug/L	99
27) 1,2-Dichloroethane	5.84	62	118681	5.656	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	161923	5.434	ug/L	99
30) Cyclohexane	5.43	56	142628	4.787	ug/L	100
31) Carbon tetrachloride	5.57	117	146889	5.469	ug/L	98
33) Benzene	5.82	78	424309	5.326	ug/L	100
34) Trichloroethene	6.58	95	107162	5.256	ug/L	98
35) Methylcyclohexane	6.80	83	148701	4.788	ug/L	99
37) 1,2-Dichloropropane	6.83	63	111614	5.317	ug/L	98
38) Bromodichloromethane	7.14	83	140412	5.529	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	150768	5.033	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	597770	49.525	ug/L	99
42) Toluene	8.00	91	462339	5.516	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	124382	5.193	ug/L	95
45) 1,1,2-Trichloroethane	8.44	97	82585	5.494	ug/L	97
47) Tetrachloroethene	8.58	164	98415	5.539	ug/L	95
48) 2-Hexanone	8.73	43	424075	49.437	ug/L	95
49) Dibromochloromethane	8.84	129	102229	5.513	ug/L	99
50) 1,2-Dibromoethane	8.96	107	77576	5.439	ug/L	100
51) Chlorobenzene	9.48	112	295101	5.362	ug/L	99
52) Ethylbenzene	9.60	91	456832	5.179	ug/L	100
53) m,p-Xylene	9.72	106	179409	5.371	ug/L	97
54) o-Xylene	10.13	106	169264	5.244	ug/L	98
55) Styrene	10.14	104	291678	5.465	ug/L	99
56) Isopropylbenzene	10.51	105	443272	5.204	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	102545	5.221	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	71975	5.185	ug/L	98
61) Bromoform	10.32	173	60794	5.047	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	227780	5.111	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	220887	5.147	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	214415	5.127	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	12867	4.835	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	142546	4.963	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	71674	4.141	ug/L	99
69) Naphthalene	14.11	128	70990	3.331	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	72624	4.340	ug/L	98

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111819\  
Data File : VU035735.D  
Acq On    : 18 Nov 2019   10:01  
Operator  : JC/SP  
Sample    : VSTDCCC005  
Misc      : 25.0mL/MSVOA U/WATER  
ALS Vial  : 2    Sample Multiplier: 1
```