

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035297.D
 Acq On : 19 Oct 2019 04:31
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Oct 19 06:17:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 06:13:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	302066	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	296552	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	143417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75629	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	75025	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.60	63	151936	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.71	46	280798	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	5.11	84	164588	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	88873	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	298685	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.74	67	100609	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.93	98	268900	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.22	79	41414	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.68	63	222902	48.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96860	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	112552	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	125461	4.880	ug/L 100
3) Chloromethane	1.54	50	125813	4.934	ug/L 100
5) Vinyl chloride	1.62	62	132604	5.063	ug/L 99
6) Bromomethane	1.88	94	70520	4.560	ug/L 99
8) Chloroethane	1.95	64	82358	4.877	ug/L 100
9) Trichlorofluoromethane	2.16	101	173380	4.958	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	95910	4.761	ug/L 96
12) 1,1-Dichloroethene	2.61	96	93533	4.820	ug/L 89
13) Acetone	2.68	43	184504	50.113	ug/L 98
14) Carbon disulfide	2.82	76	289861	4.724	ug/L 100
15) Methyl Acetate	3.01	43	41807	4.557	ug/L 99
16) Methylene chloride	3.08	84	108062	4.629	ug/L 98
17) Methyl tert-butyl Ether	3.43	73	248191	4.752	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	100732	4.810	ug/L 93
19) 1,1-Dichloroethane	3.92	63	193468	5.108	ug/L 97
21) 2-Butanone	4.79	43	284920	47.479	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	114163	4.932	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035297.D
 Acq On : 19 Oct 2019 04:31
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Oct 19 06:17:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 06:13:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	49838	5.002	ug/L	98
25) Chloroform	5.14	83	204487	4.921	ug/L	99
27) 1,2-Dichloroethane	5.84	62	128272	5.033	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	166163	4.783	ug/L	99
30) Cyclohexane	5.43	56	167249	4.496	ug/L	99
31) Carbon tetrachloride	5.57	117	146231	4.675	ug/L	99
33) Benzene	5.82	78	427969	4.905	ug/L	100
34) Trichloroethene	6.58	95	111071	4.735	ug/L	96
35) Methylcyclohexane	6.80	83	171350	4.371	ug/L	100
37) 1,2-Dichloropropane	6.83	63	111074	5.015	ug/L	100
38) Bromodichloromethane	7.15	83	142146	4.763	ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	162103	4.372	ug/L	99
40) 4-Methyl-2-pentanone	7.85	43	700930	46.875	ug/L	99
42) Toluene	8.01	91	462859	4.805	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	131275	4.333	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	81129	4.933	ug/L	99
47) Tetrachloroethene	8.58	164	88427	4.525	ug/L	99
48) 2-Hexanone	8.74	43	507600	48.404	ug/L	98
49) Dibromochloromethane	8.84	129	97635	4.683	ug/L	99
50) 1,2-Dibromoethane	8.96	107	79782	4.853	ug/L	100
51) Chlorobenzene	9.48	112	301649	4.851	ug/L	99
52) Ethylbenzene	9.60	91	511873	4.673	ug/L	100
53) m,p-Xylene	9.72	106	185747	4.491	ug/L	99
54) o-Xylene	10.13	106	189114	4.685	ug/L	96
55) Styrene	10.14	104	311641	4.742	ug/L	99
56) Isopropylbenzene	10.51	105	500525	4.610	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	106010	5.009	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	76110	4.932	ug/L	99
61) Bromoform	10.32	173	57716	4.345	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	227755	4.654	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	222945	4.633	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	215621	4.690	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	13641	4.200	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	140766	4.642	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	87914	4.354	ug/L	99
69) Naphthalene	14.11	128	110001	3.969	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	86375	4.575	ug/L	99

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

