

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031295.D
 Acq On : 18 Apr 2019 07:14
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00541

Quant Time: Apr 18 09:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 08:52:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	224323	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	217627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121304	6.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.00%#
7) Chloroethane-d5	1.68	69	96324	6.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.60%
11) 1,1-Dichloroethene-d2	2.27	63	236455	6.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	124.00%
20) 2-Butanone-d5	4.21	46	238365	55.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.28%
24) Chloroform-d	4.64	84	149370	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.31	65	82114	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.33	84	293505	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	90974	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.56	98	307270	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
43) trans-1,3-Dichloropropene-	7.85	79	43089	5.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.00%
46) 2-Hexanone-d5	8.31	63	182277	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77700	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	108254	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	109151	5.861 ug/L	99
3) Chloromethane	1.32	50	165190	7.196 ug/L	97
5) Vinyl chloride	1.40	62	160670	6.986 ug/L	99
6) Bromomethane	1.63	94	87341	6.203 ug/L	99
8) Chloroethane	1.70	64	94232	6.520 ug/L	96
9) Trichlorofluoromethane	1.88	101	197766	6.515 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	108359	6.139 ug/L	98
12) 1,1-Dichloroethene	2.28	96	107467	6.203 ug/L	94
13) Acetone	2.35	43	239140	68.413 ug/L	99
14) Carbon disulfide	2.47	76	368632	6.190 ug/L	99
15) Methyl Acetate	2.62	43	64769	6.438 ug/L	97
16) Methylene chloride	2.70	84	124710	5.762 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	305705	6.422 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	115647	6.150 ug/L	96
19) 1,1-Dichloroethane	3.44	63	209485	7.424 ug/L	98
21) 2-Butanone	4.29	43	255802	56.017 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	88171	5.409 ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031295.D
 Acq On : 18 Apr 2019 07:14
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00541

Quant Time: Apr 18 09:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 08:52:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41257	5.646	ug/L	90
25) Chloroform	4.67	83	158938	5.844	ug/L	98
27) 1,2-Dichloroethane	5.40	62	103379	5.940	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	135921	5.668	ug/L	98
30) Cyclohexane	4.99	56	132184	4.628	ug/L	97
31) Carbon tetrachloride	5.13	117	118726	5.635	ug/L	99
33) Benzene	5.39	78	341560	5.272	ug/L	100
34) Trichloroethene	6.18	95	86451	4.843	ug/L	97
35) Methylcyclohexane	6.41	83	116529	4.418	ug/L	97
37) 1,2-Dichloropropane	6.43	63	87874	5.169	ug/L	98
38) Bromodichloromethane	6.76	83	112983	5.584	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	113791	4.744	ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	618828	55.071	ug/L	99
42) Toluene	7.63	91	430534	6.165	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	112830	6.008	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	63766	5.384	ug/L	93
47) Tetrachloroethene	8.22	164	69180	5.132	ug/L	97
48) 2-Hexanone	8.37	43	435347	55.852	ug/L	99
49) Dibromochloromethane	8.47	129	77248	5.539	ug/L	97
50) 1,2-Dibromoethane	8.58	107	62407	5.488	ug/L	98
51) Chlorobenzene	9.12	112	212479	4.964	ug/L	98
52) Ethylbenzene	9.25	91	360687	4.895	ug/L	100
53) m,p-Xylene	9.37	106	132923	4.791	ug/L	95
54) o-Xylene	9.77	106	129444	4.779	ug/L	97
55) Styrene	9.79	104	227681	5.032	ug/L	96
56) Isopropylbenzene	10.16	105	342678	4.833	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	81244	5.467	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	58215	5.573	ug/L	99
61) Bromoform	9.95	173	43740	4.876	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	176100	5.074	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	180067	5.137	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	176288	5.219	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	13621	5.423	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	114079	4.084	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	91611	3.976	ug/L	97
69) Naphthalene	13.74	128	167653	2.396	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	93332	4.163	ug/L	95

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

