

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042220\
 Data File : VU037840.D
 Acq On : 22 Apr 2020 10:21
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Apr 23 01:35:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 11:07:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	321165	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103308	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	93093	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.59	63	200137	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	4.67	46	360354	53.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	5.10	84	196410	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.74	65	114322	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.76	84	407418	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	137998	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.92	98	374467	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.20	79	59780	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.66	63	330871	52.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109627	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	142123	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	142936	5.130 ug/L	98
3) Chloromethane	1.53	50	157155	4.562 ug/L	99
5) Vinyl chloride	1.62	62	162807	4.811 ug/L	97
6) Bromomethane	1.87	94	80760	4.156 ug/L	100
8) Chloroethane	1.95	64	97148	4.889 ug/L	99
9) Trichlorofluoromethane	2.16	101	183016	5.040 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	108254	5.120 ug/L	98
12) 1,1-Dichloroethene	2.60	96	106370	4.799 ug/L	96
13) Acetone	2.66	43	214359	48.711 ug/L	98
14) Carbon disulfide	2.82	76	365097	4.512 ug/L	99
15) Methyl Acetate	2.98	43	59392	4.854 ug/L	99
16) Methylene chloride	3.08	84	117095	4.686 ug/L	94
17) Methyl tert-butyl Ether	3.40	73	310371	4.836 ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	116949	4.867 ug/L	98
19) 1,1-Dichloroethane	3.91	63	237018	5.100 ug/L	100
21) 2-Butanone	4.75	43	398705	49.866 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	127764	4.921 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042220\
 Data File : VU037840.D
 Acq On : 22 Apr 2020 10:21
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Apr 23 01:35:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 11:07:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	52280	4.751	ug/L	95
25) Chloroform	5.13	83	227678	5.157	ug/L	99
27) 1,2-Dichloroethane	5.83	62	154404	5.174	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	191544	5.111	ug/L	99
30) Cyclohexane	5.42	56	234501	5.056	ug/L	99
31) Carbon tetrachloride	5.56	117	155410	5.204	ug/L	99
33) Benzene	5.81	78	507800	4.976	ug/L	100
34) Trichloroethene	6.57	95	125347	4.998	ug/L	99
35) Methylcyclohexane	6.79	83	224726	5.113	ug/L	99
37) 1,2-Dichloropropane	6.82	63	140614	5.196	ug/L	99
38) Bromodichloromethane	7.13	83	163030	5.066	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	213113	5.031	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	990097	49.764	ug/L	99
42) Toluene	8.00	91	534831	5.004	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	183396	4.987	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	90158	4.944	ug/L	98
47) Tetrachloroethene	8.57	164	93168	5.170	ug/L	97
48) 2-Hexanone	8.71	43	712211	49.997	ug/L	99
49) Dibromochloromethane	8.83	129	104182	4.999	ug/L	99
50) 1,2-Dibromoethane	8.95	107	85531	4.877	ug/L	99
51) Chlorobenzene	9.47	112	332016	5.091	ug/L	98
52) Ethylbenzene	9.59	91	602667	5.068	ug/L	100
53) m,p-Xylene	9.71	106	228630	5.080	ug/L	100
54) o-Xylene	10.12	106	224340	5.065	ug/L	99
55) Styrene	10.13	104	379519	5.012	ug/L	99
56) Isopropylbenzene	10.50	105	595401	5.124	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	117463	4.948	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	88789	5.013	ug/L	100
61) Bromoform	10.31	173	59196	4.676	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	269238	5.045	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	268649	5.020	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	249481	4.966	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	21662	4.652	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	207227	5.295	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	191128	5.321	ug/L	99
69) Naphthalene	14.12	128	367392	5.050	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	169622	5.300	ug/L	99

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

