

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039040.D
 Acq On : 23 Jun 2020 14:51
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Jun 24 01:14:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	285781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	278920	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	133402	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104886	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	86573	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.59	63	203335	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.67	46	407660	53.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.96%
24) Chloroform-d	5.10	84	205321	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.74	65	123946	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.76	84	394720	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	131548	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.92	98	339057	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	8.20	79	58977	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.65	63	336289	57.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125352	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	127956	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	123439	4.827 ug/L	100
3) Chloromethane	1.53	50	135387	4.918 ug/L	93
5) Vinyl chloride	1.62	62	140117	5.047 ug/L	97
6) Bromomethane	1.88	94	76411	5.113 ug/L	99
8) Chloroethane	1.95	64	84034	5.022 ug/L	95
9) Trichlorofluoromethane	2.16	101	172822	4.863 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	97011	4.689 ug/L	99
12) 1,1-Dichloroethene	2.61	96	98446	4.974 ug/L	97
13) Acetone	2.67	43	255913	49.897 ug/L	98
14) Carbon disulfide	2.82	76	325912	4.939 ug/L	99
15) Methyl Acetate	2.98	43	61574	5.057 ug/L	96
16) Methylene chloride	3.08	84	117082	4.795 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	298732	5.302 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	106067	5.008 ug/L	99
19) 1,1-Dichloroethane	3.91	63	209640	4.979 ug/L	99
21) 2-Butanone	4.75	43	420844	53.970 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	115132	5.038 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062320\
 Data File : VU039040.D
 Acq On : 23 Jun 2020 14:51
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Jun 24 01:14:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	53612	5.097	ug/L	97
25) Chloroform	5.12	83	210755	4.983	ug/L	97
27) 1,2-Dichloroethane	5.83	62	151232	5.018	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	174630	5.017	ug/L	98
30) Cyclohexane	5.42	56	164605	5.082	ug/L	98
31) Carbon tetrachloride	5.56	117	140624	4.851	ug/L	97
33) Benzene	5.81	78	451969	5.157	ug/L	100
34) Trichloroethene	6.57	95	107978	5.094	ug/L	99
35) Methylcyclohexane	6.79	83	156679	4.981	ug/L	99
37) 1,2-Dichloropropane	6.82	63	124646	5.250	ug/L	99
38) Bromodichloromethane	7.13	83	153729	5.193	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	176459	5.362	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	991793	55.968	ug/L	100
42) Toluene	7.99	91	456610	5.249	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	164781	5.351	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	92108	5.220	ug/L	97
47) Tetrachloroethene	8.57	164	74803	4.896	ug/L	98
48) 2-Hexanone	8.70	43	747812	57.564	ug/L	99
49) Dibromochloromethane	8.83	129	99496	5.185	ug/L	100
50) 1,2-Dibromoethane	8.94	107	87869	5.267	ug/L #	98
51) Chlorobenzene	9.46	112	279637	5.107	ug/L	99
52) Ethylbenzene	9.59	91	474507	5.190	ug/L	99
53) m,p-Xylene	9.71	106	178804	5.318	ug/L	99
54) o-Xylene	10.11	106	170303	5.273	ug/L	98
55) Styrene	10.13	104	307371	5.419	ug/L	99
56) Isopropylbenzene	10.50	105	444357	5.251	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.79	83	123927	5.252	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	92978	5.194	ug/L	99
61) Bromoform	10.30	173	56070	5.146	ug/L	98
62) 1,3-Dichlorobenzene	11.75	146	209979	5.294	ug/L	99
63) 1,4-Dichlorobenzene	11.84	146	213394	5.223	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	206328	5.188	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	23851	5.436	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	152184	5.184	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	146947	5.495	ug/L	100
69) Naphthalene	14.11	128	343565	6.022	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	145475	5.636	ug/L	99

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

