

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072420\
 Data File : VU039677.D
 Acq On : 24 Jul 2020 20:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Jul 25 06:52:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	202906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	202375	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	112233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60058	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.92%
7) Chloroethane-d5	1.92	69	70868	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.54%
11) 1,1-Dichloroethene-d2	2.58	63	134469	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
21) 2-Butanone-d5	4.65	46	144616	94.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.83%
24) Chloroform-d	5.08	84	144832	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.72	65	99544	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.75	84	268660	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
36) 1,2-Dichloropropane-d6	6.71	67	87728	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.91	98	254071	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%
43) trans-1,3-Dichloropropene-	8.19	79	43686	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.94%
47) 2-Hexanone-d5	8.64	63	99235	98.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	141771	48.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.16%
64) 1,2-Dichlorobenzene-d4	12.19	152	116592	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	75061	54.311	ug/L 98
3) Chloromethane	1.53	50	74531	51.898	ug/L 94
5) Vinyl chloride	1.61	62	76233	52.244	ug/L 99
6) Bromomethane	1.86	94	73779	67.290	ug/L 98
8) Chloroethane	1.94	64	59659	45.974	ug/L 98
9) Trichlorofluoromethane	2.15	101	138860	53.849	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	68554	55.232	ug/L 98
12) 1,1-Dichloroethene	2.59	96	63292	54.680	ug/L 92
13) Acetone	2.65	43	93287	91.920	ug/L 100
14) Carbon disulfide	2.81	76	193217	52.168	ug/L 98
15) Methyl Acetate	2.96	43	99245	54.586	ug/L 100
16) Methylene chloride	3.06	84	76109	54.904	ug/L 97
17) trans-1,2-Dichloroethene	3.37	96	67804	52.642	ug/L 97
18) Methyl tert-butyl Ether	3.38	73	231411	55.598	ug/L 99
19) 1,1-Dichloroethane	3.89	63	137682	54.776	ug/L 98
20) cis-1,2-Dichloroethene	4.69	96	79453	53.977	ug/L 96
22) 2-Butanone	4.73	43	150018	104.889	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072420\
 Data File : VU039677.D
 Acq On : 24 Jul 2020 20:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Jul 25 06:52:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	40727	55.053	ug/L	96
25) Chloroform	5.11	83	150342	53.924	ug/L	98
27) 1,2-Dichloroethane	5.81	62	122114	52.821	ug/L	100
29) Cyclohexane	5.41	56	120597	54.851	ug/L	99
30) 1,1,1-Trichloroethane	5.34	97	131150	54.133	ug/L	98
31) Carbon tetrachloride	5.54	117	114051	56.751	ug/L	99
33) Benzene	5.79	78	305233	54.725	ug/L	100
34) Trichloroethene	6.56	95	82699	56.057	ug/L	99
35) Methylcyclohexane	6.78	83	120218	52.702	ug/L	99
37) 1,2-Dichloropropane	6.81	63	81446	53.936	ug/L	100
38) Bromodichloromethane	7.12	83	109465	54.584	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	120967	53.603	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	286996	109.094	ug/L	99
42) Toluene	7.98	91	337424	55.011	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	121923	55.168	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	79762	55.389	ug/L	97
46) Tetrachloroethene	8.56	164	62074	55.627	ug/L	96
48) 2-Hexanone	8.69	43	236221	110.199	ug/L	99
49) Dibromochloromethane	8.82	129	89699	55.168	ug/L	99
50) 1,2-Dibromoethane	8.93	107	90122	56.253	ug/L	99
51) Chlorobenzene	9.45	112	217455	55.561	ug/L	97
52) Ethylbenzene	9.57	91	383819	56.626	ug/L	98
53) m,p-Xylene	9.70	106	147984	57.919	ug/L	93
54) o-xylene	10.10	106	142409	58.080	ug/L	98
55) Styrene	10.11	104	252721	59.561	ug/L	98
56) Isopropylbenzene	10.48	105	389179	58.466	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	143439	54.649	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	118598	54.127	ug/L	100
61) Bromoform	10.29	173	70679	53.239	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	183038	53.240	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	185600	53.888	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	187826	54.066	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	36776	52.917	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	134701	54.330	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	116291	55.270	ug/L	97
69) Naphthalene	14.08	128	367675	58.251	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	118650	55.821	ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072420\
Data File : VU039677.D
Acq On : 24 Jul 2020 20:14
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Quant Time: Jul 25 06:52:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 25 06:47:25 2020
Response via : Initial Calibration

