

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037607.D
 Acq On : 09 Apr 2020 09:48
 Operator : JC/MD
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00531

Quant Time: Apr 09 10:13:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 10:11:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	152366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	143047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	72185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37460	30.27	ug/L	0.00
7) Chloroethane-d5	1.93	69	29811	29.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	55075	26.48	ug/L	0.00
21) 2-Butanone-d5	4.67	46	55506	59.68	ug/L	0.00
24) Chloroform-d	5.11	84	53712	25.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	38655	27.93	ug/L	0.00
32) Benzene-d6	5.76	84	122709	29.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	40359	28.93	ug/L	0.00
41) Toluene-d8	7.92	98	113131	29.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	21328	28.15	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	45320	61.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	55680	27.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	42648	28.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	22162	22.499 ug/L	99
3) Chloromethane	1.54	50	26869	25.715 ug/L	99
5) Vinyl chloride	1.62	62	27361	26.371 ug/L	95
6) Bromomethane	1.87	94	15246	29.794 ug/L	97
8) Chloroethane	1.95	64	17047	27.858 ug/L	98
9) Trichlorofluoromethane	2.16	101	29326	19.922 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	17403	20.727 ug/L	93
12) 1,1-Dichloroethene	2.61	96	18069	22.170 ug/L	84
13) Acetone	2.66	43	23869	44.398 ug/L	100
14) Carbon disulfide	2.82	76	61707	26.210 ug/L	96
15) Methyl Acetate	2.98	43	26436	21.700 ug/L	96
16) Methylene chloride	3.08	84	21261	21.506 ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	20330	23.164 ug/L	92
18) Methyl tert-butyl Ether	3.40	73	65503	21.292 ug/L	99
19) 1,1-Dichloroethane	3.92	63	37295	21.689 ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	21122	20.899 ug/L	96
22) 2-Butanone	4.75	43	38426	43.791 ug/L	90
23) Bromochloromethane	5.02	128	10037	20.691 ug/L	97
25) Chloroform	5.13	83	39281	21.910 ug/L	99
27) 1,2-Dichloroethane	5.83	62	29360	21.220 ug/L	99
29) Cyclohexane	5.42	56	38149	25.447 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	30888	20.370 ug/L	97
31) Carbon tetrachloride	5.56	117	23743	19.025 ug/L	100
33) Benzene	5.81	78	80165	21.388 ug/L	100
34) Trichloroethene	6.57	95	19769	20.171 ug/L	97
35) Methylcyclohexane	6.79	83	34871	23.028 ug/L	91
37) 1,2-Dichloropropane	6.83	63	21851	20.461 ug/L	99
38) Bromodichloromethane	7.14	83	28148	20.265 ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	37051	22.213 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	70580	40.728 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037607.D
 Acq On : 09 Apr 2020 09:48
 Operator : JC/MD
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00531

Quant Time: Apr 09 10:13:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 10:11:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	87324	21.529	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	34559	21.039	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	19702	20.206	ug/L	95
46) Tetrachloroethene	8.58	164	14799	22.489	ug/L	91
48) 2-Hexanone	8.71	43	56429	41.872	ug/L	99
49) Dibromochloromethane	8.83	129	21396	19.674	ug/L	99
50) 1,2-Dibromoethane	8.95	107	21349	19.909	ug/L #	99
51) Chlorobenzene	9.47	112	54386	21.618	ug/L	97
52) Ethylbenzene	9.59	91	94202	20.537	ug/L	99
53) m,p-Xylene	9.72	106	37239	21.765	ug/L	93
54) o-xylene	10.12	106	36124	21.906	ug/L	98
55) Styrene	10.13	104	60062	20.570	ug/L	93
56) Isopropylbenzene	10.50	105	91835	20.540	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	33969	19.325	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	29118	21.209	ug/L	100
61) Bromoform	10.31	173	15719	19.049	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	40595	19.476	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	41044	19.511	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	40228	19.492	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	8680	17.534	ug/L #	84
67) 1,3,5-Trichlorobenzene	13.25	180	30179	20.860	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	27358	19.836	ug/L	96
69) Naphthalene	14.12	128	94236	16.128	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	26187	18.795	ug/L	97

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

