

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082019\
 Data File : VU033844.D
 Acq On : 20 Aug 2019 10:51
 Operator : JC/SP
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Aug 21 05:10:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:04:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	182219	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	192693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	105444	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77043	4.96	ug/L	0.00
7) Chloroethane-d5	1.67	69	68199	4.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	157814	5.07	ug/L	0.00
20) 2-Butanone-d5	4.16	46	157160	51.05	ug/L	0.00
24) Chloroform-d	4.62	84	132120	5.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	68980	4.94	ug/L	0.00
32) Benzene-d6	5.32	84	248470	5.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	77217	4.91	ug/L	0.00
41) Toluene-d8	7.55	98	238759	5.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	32336	5.35	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	115239	53.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	68594	5.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	91342	4.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	82432	4.992	ug/L 100
3) Chloromethane	1.32	50	80757	5.037	ug/L 100
5) Vinyl chloride	1.39	62	88421	4.902	ug/L 100
6) Bromomethane	1.62	94	55067	4.662	ug/L 100
8) Chloroethane	1.69	64	53189	5.024	ug/L 100
9) Trichlorofluoromethane	1.87	101	114831	5.008	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	65985	4.971	ug/L 100
12) 1,1-Dichloroethene	2.27	96	62522	4.961	ug/L 100
13) Acetone	2.31	43	117053	49.735	ug/L 100
14) Carbon disulfide	2.46	76	215482	4.975	ug/L 100
15) Methyl Acetate	2.60	43	30432	5.161	ug/L 100
16) Methylene chloride	2.68	84	71246	4.817	ug/L 100
17) Methyl tert-butyl Ether	2.98	73	156734	4.957	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	68348	4.922	ug/L 100
19) 1,1-Dichloroethane	3.42	63	101865	5.058	ug/L 100
21) 2-Butanone	4.25	43	133120	52.748	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	56029	5.130	ug/L 100
23) Bromochloromethane	4.52	128	26893	5.093	ug/L 100
25) Chloroform	4.65	83	106473	4.677	ug/L 100
27) 1,2-Dichloroethane	5.38	62	65116	5.037	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	86313	4.942	ug/L 100
30) Cyclohexane	4.97	56	71424	4.842	ug/L 100
31) Carbon tetrachloride	5.11	117	78924	5.012	ug/L 100
33) Benzene	5.36	78	215319	5.092	ug/L 100
34) Trichloroethene	6.16	95	55163	4.863	ug/L 100
35) Methylcyclohexane	6.39	83	78320	4.941	ug/L 100
37) 1,2-Dichloropropane	6.41	63	56965	5.091	ug/L 100
38) Bromodichloromethane	6.74	83	71210	4.942	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	74726	5.054	ug/L 100
40) 4-Methyl-2-pentanone	7.45	43	310767	52.445	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082019\
 Data File : VU033844.D
 Acq On : 20 Aug 2019 10:51
 Operator : JC/SP
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Aug 21 05:10:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:04:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	234635	5.417	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	63907	5.169	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	41313	5.159	ug/L	100
47) Tetrachloroethene	8.21	164	46420	4.988	ug/L	100
48) 2-Hexanone	8.35	43	232125	53.612	ug/L	100
49) Dibromochloromethane	8.46	129	50639	5.065	ug/L	100
50) 1,2-Dibromoethane	8.57	107	39499	5.161	ug/L	100
51) Chlorobenzene	9.10	112	143878	5.023	ug/L	100
52) Ethylbenzene	9.23	91	222836	5.140	ug/L	100
53) m,p-Xylene	9.36	106	84877	5.215	ug/L	100
54) o-Xylene	9.76	106	80664	5.169	ug/L	100
55) Styrene	9.77	104	141720	5.240	ug/L	100
56) Isopropylbenzene	10.15	105	212007	5.250	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	51549	5.128	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	37367	5.096	ug/L	100
61) Bromoform	9.94	173	28721	4.931	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	117007	4.995	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	118022	4.900	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	112998	4.985	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	8004	4.991	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	86600	4.871	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	64601	4.992	ug/L	100
69) Naphthalene	13.73	128	89605	5.060	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	62964	5.179	ug/L	100

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

