

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034951.D
 Acq On : 07 Oct 2019 10:42
 Operator : JC/SP
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Oct 09 01:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 01:50:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	206674	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	205054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	105139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58110	3.09	ug/L	0.00
7) Chloroethane-d5	1.67	69	55622	3.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	123374	3.36	ug/L	0.00
20) 2-Butanone-d5	4.18	46	173813	46.11	ug/L	0.00
24) Chloroform-d	4.62	84	107167	3.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	64426	4.09	ug/L	0.00
32) Benzene-d6	5.32	84	230470	4.22	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	76560	4.39	ug/L	0.00
41) Toluene-d8	7.54	98	228266	4.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	27160	3.96	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	137366	47.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	64085	4.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	83426	4.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	91623	5.193	ug/L 100
3) Chloromethane	1.32	50	98936	4.882	ug/L 100
5) Vinyl chloride	1.40	62	99564	4.636	ug/L 100
6) Bromomethane	1.62	94	51953	3.911	ug/L 100
8) Chloroethane	1.69	64	60368	4.394	ug/L 100
9) Trichlorofluoromethane	1.88	101	119440	4.003	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	66330	3.995	ug/L 100
12) 1,1-Dichloroethene	2.27	96	64396	4.008	ug/L 100
13) Acetone	2.32	43	139688	42.632	ug/L 100
14) Carbon disulfide	2.46	76	212974	4.093	ug/L 100
15) Methyl Acetate	2.61	43	35928	4.405	ug/L 100
16) Methylene chloride	2.68	84	73929	3.783	ug/L 100
17) Methyl tert-butyl Ether	2.99	73	173836	4.137	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	68611	3.879	ug/L 100
19) 1,1-Dichloroethane	3.42	63	137242	4.931	ug/L 100
21) 2-Butanone	4.26	43	210214	53.518	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	74511	4.792	ug/L 100
23) Bromochloromethane	4.52	128	33378	4.875	ug/L 100
25) Chloroform	4.65	83	150252	4.837	ug/L 100
27) 1,2-Dichloroethane	5.39	62	88503	4.884	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	111003	4.766	ug/L 100
30) Cyclohexane	4.97	56	122785	5.597	ug/L 100
31) Carbon tetrachloride	5.11	117	98285	4.806	ug/L 100
33) Benzene	5.36	78	300206	5.163	ug/L 100
34) Trichloroethene	6.16	95	77273	5.025	ug/L 100
35) Methylcyclohexane	6.39	83	125412	5.336	ug/L 100
37) 1,2-Dichloropropane	6.41	63	80384	5.113	ug/L 100
38) Bromodichloromethane	6.74	83	93673	4.742	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	109200	4.903	ug/L 100
40) 4-Methyl-2-pentanone	7.45	43	500844	54.938	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	322203	5.175	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	86018	4.832	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	53859	4.846	ug/L	100
47) Tetrachloroethene	8.21	164	61606	4.990	ug/L	100
48) 2-Hexanone	8.35	43	354322	53.701	ug/L	100
49) Dibromochloromethane	8.46	129	63525	4.787	ug/L	100
50) 1,2-Dibromoethane	8.57	107	51529	4.863	ug/L	100
51) Chlorobenzene	9.10	112	201735	4.961	ug/L	100
52) Ethylbenzene	9.23	91	350445	5.238	ug/L	100
53) m,p-Xylene	9.35	106	130492	5.205	ug/L	100
54) o-Xylene	9.76	106	126700	5.281	ug/L	100
55) Styrene	9.77	104	209697	5.074	ug/L	100
56) Isopropylbenzene	10.14	105	337010	5.266	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	71821	5.025	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	51191	5.025	ug/L	100
61) Bromoform	9.94	173	33473	4.745	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	157388	5.018	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	156779	4.788	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	152083	4.904	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	10222	4.444	ug/L	100
67) 1,3,5-Trichlorobenzene	12.86	180	109081	4.520	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	81004	4.237	ug/L	100
69) Naphthalene	13.72	128	120564	3.785	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	77968	4.330	ug/L	100

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

