

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091819\
 Data File : VU034620.D
 Acq On : 17 Sep 2019 17:13
 Operator : JC/SP
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Sep 17 18:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:59:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	117510	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	112272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	52092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45278	5.43	ug/L	0.00
7) Chloroethane-d5	1.67	69	36332	5.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	80196	5.80	ug/L	0.00
20) 2-Butanone-d5	4.17	46	117261	44.96	ug/L	0.00
24) Chloroform-d	4.62	84	70234	4.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	39065	4.70	ug/L	0.00
32) Benzene-d6	5.32	84	149717	4.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	49362	4.73	ug/L	0.00
41) Toluene-d8	7.54	98	138777	4.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	19350	4.28	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	91113	42.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	37297	4.22	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	42479	4.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	43252	6.596	ug/L 100
3) Chloromethane	1.32	50	40846	5.040	ug/L 100
5) Vinyl chloride	1.40	62	41642	5.513	ug/L 100
6) Bromomethane	1.62	94	20267	5.259	ug/L 100
8) Chloroethane	1.69	64	24940	5.649	ug/L 100
9) Trichlorofluoromethane	1.87	101	55212	5.991	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	31454	6.258	ug/L 100
12) 1,1-Dichloroethene	2.27	96	27518	5.522	ug/L 100
13) Acetone	2.32	43	81292	47.119	ug/L 100
14) Carbon disulfide	2.46	76	69748	5.442	ug/L 100
15) Methyl Acetate	2.60	43	20651	4.611	ug/L 100
16) Methylene chloride	2.69	84	34263	4.944	ug/L 100
17) Methyl tert-butyl Ether	2.98	73	97701	5.027	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	27810	5.039	ug/L 100
19) 1,1-Dichloroethane	3.42	63	71844	5.064	ug/L 100
21) 2-Butanone	4.26	43	133229	49.105	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	38426	4.670	ug/L 100
23) Bromochloromethane	4.52	128	14734	4.378	ug/L 100
25) Chloroform	4.65	83	77663	5.026	ug/L 100
27) 1,2-Dichloroethane	5.38	62	46761	5.199	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	57979	5.150	ug/L 100
30) Cyclohexane	4.96	56	60899	6.346	ug/L 100
31) Carbon tetrachloride	5.11	117	46958	5.287	ug/L 100
33) Benzene	5.36	78	146799	4.882	ug/L 100
34) Trichloroethene	6.16	95	37157	4.939	ug/L 100
35) Methylcyclohexane	6.39	83	59143	6.020	ug/L 100
37) 1,2-Dichloropropane	6.41	63	44695	5.033	ug/L 100
38) Bromodichloromethane	6.73	83	53586	4.824	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	64792	4.906	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	351761	48.598	ug/L 100

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42) Toluene	7.61	91	158481	4.965	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	51641	4.709	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	29006	4.648	ug/L	100
47) Tetrachloroethene	8.21	164	22504	4.902	ug/L	100
48) 2-Hexanone	8.35	43	238347	48.694	ug/L	100
49) Dibromochloromethane	8.46	129	34043	4.534	ug/L	100
50) 1,2-Dibromoethane	8.57	107	26692	4.543	ug/L	100
51) Chlorobenzene	9.10	112	101302	4.909	ug/L	100
52) Ethylbenzene	9.23	91	184620	5.085	ug/L	100
53) m,p-Xylene	9.35	106	65098	4.920	ug/L	100
54) o-Xylene	9.76	106	65633	4.846	ug/L	100
55) Styrene	9.77	104	110619	4.804	ug/L	100
56) Isopropylbenzene	10.14	105	183656	5.206	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	44076	4.795	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	29745	4.738	ug/L	100
61) Bromoform	9.94	173	16588	4.173	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	72527	4.657	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	73551	4.735	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	70515	4.749	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	6942	4.679	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	48984	4.691	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	39605	4.732	ug/L	100
69) Naphthalene	13.72	128	84729	4.569	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	36848	4.591	ug/L	100

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

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