

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093019\
 Data File : VU034878.D
 Acq On : 30 Sep 2019 13:41
 Operator : JC/SP
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Sep 30 17:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 30 16:58:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	171721	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	81455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61219	4.55	ug/L	0.00
7) Chloroethane-d5	1.67	69	50260	4.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	103834	4.40	ug/L	0.00
20) 2-Butanone-d5	4.18	46	182027	53.51	ug/L	0.00
24) Chloroform-d	4.62	84	100712	4.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	64466	5.30	ug/L	0.00
32) Benzene-d6	5.31	84	208468	4.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	68613	4.72	ug/L	0.00
41) Toluene-d8	7.54	98	197190	4.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	25084	4.32	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	128271	48.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54240	4.77	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	66181	4.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	50337	4.030	ug/L 100
3) Chloromethane	1.32	50	38660	3.385	ug/L 100
5) Vinyl chloride	1.40	62	45253	3.703	ug/L 100
6) Bromomethane	1.62	94	21061	3.475	ug/L 100
8) Chloroethane	1.69	64	26069	3.686	ug/L 100
9) Trichlorofluoromethane	1.87	101	62242	3.822	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	37998	4.109	ug/L 100
12) 1,1-Dichloroethene	2.27	96	29020	3.617	ug/L 100
13) Acetone	2.32	43	121577	46.649	ug/L 100
14) Carbon disulfide	2.46	76	46561	2.388	ug/L 100
15) Methyl Acetate	2.61	43	25166	4.103	ug/L 100
16) Methylene chloride	2.68	84	39021	3.605	ug/L 100
17) Methyl tert-butyl Ether	2.99	73	126879	4.372	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	29503	3.531	ug/L 100
19) 1,1-Dichloroethane	3.42	63	91161	4.355	ug/L 100
21) 2-Butanone	4.26	43	198195	52.853	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	46188	4.061	ug/L 100
23) Bromochloromethane	4.52	128	18114	4.310	ug/L 100
25) Chloroform	4.65	83	107253	4.510	ug/L 100
27) 1,2-Dichloroethane	5.38	62	64132	4.695	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	75592	4.487	ug/L 100
30) Cyclohexane	4.97	56	56842	3.382	ug/L 100
31) Carbon tetrachloride	5.11	117	58603	4.307	ug/L 100
33) Benzene	5.36	78	167163	3.957	ug/L 100
34) Trichloroethene	6.16	95	43755	4.134	ug/L 100
35) Methylcyclohexane	6.39	83	55544	3.358	ug/L 100
37) 1,2-Dichloropropane	6.41	63	55928	4.219	ug/L 100
38) Bromodichloromethane	6.74	83	71630	4.465	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	74038	4.031	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	499997	48.935	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	183279	4.004	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	61765	4.112	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	40749	4.736	ug/L	100
47) Tetrachloroethene	8.21	164	29519	4.516	ug/L	100
48) 2-Hexanone	8.35	43	346374	50.221	ug/L	100
49) Dibromochloromethane	8.46	129	46991	4.672	ug/L	100
50) 1,2-Dibromoethane	8.57	107	31883	4.184	ug/L	100
51) Chlorobenzene	9.10	112	121181	4.203	ug/L	100
52) Ethylbenzene	9.23	91	214895	4.058	ug/L	100
53) m,p-Xylene	9.35	106	74927	3.996	ug/L	100
54) o-Xylene	9.76	106	77695	4.106	ug/L	100
55) Styrene	9.77	104	135632	4.292	ug/L	100
56) Isopropylbenzene	10.14	105	225617	4.267	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	58022	4.626	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	39963	4.560	ug/L	100
61) Bromoform	9.94	173	25009	4.681	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	103749	4.410	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	102948	4.401	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	107063	4.600	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	8813	4.325	ug/L	100
67) 1,3,5-Trichlorobenzene	12.86	180	79180	5.033	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	62014	4.975	ug/L	100
69) Naphthalene	13.72	128	102818	3.526	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	60592	5.138	ug/L	100

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

