

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031460.D
 Acq On : 24 Apr 2019 10:44
 Operator : JC/SP
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Apr 25 05:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 05:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	376640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	160793	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155720	3.88	ug/L	0.00
7) Chloroethane-d5	1.68	69	115396	3.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	289772	3.70	ug/L	0.00
20) 2-Butanone-d5	4.21	46	431953	52.89	ug/L	0.00
24) Chloroform-d	4.64	84	247751	4.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	128908	4.62	ug/L	0.00
32) Benzene-d6	5.33	84	496061	4.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	161719	5.15	ug/L	0.00
41) Toluene-d8	7.56	98	439341	4.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	64393	5.14	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	329321	55.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129704	4.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	148866	4.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	166017	4.039	ug/L 100
3) Chloromethane	1.32	50	204660	3.680	ug/L 100
5) Vinyl chloride	1.40	62	202430	3.611	ug/L 100
6) Bromomethane	1.63	94	100979	3.298	ug/L 100
8) Chloroethane	1.70	64	113688	3.542	ug/L 100
9) Trichlorofluoromethane	1.88	101	232108	3.301	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	132262	3.471	ug/L 100
12) 1,1-Dichloroethene	2.28	96	133145	3.500	ug/L 100
13) Acetone	2.35	43	297477	35.030	ug/L 100
14) Carbon disulfide	2.47	76	449153	3.540	ug/L 100
15) Methyl Acetate	2.63	43	81057	3.439	ug/L 100
16) Methylene chloride	2.70	84	149166	3.214	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	380214	3.686	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	140348	3.479	ug/L 100
19) 1,1-Dichloroethane	3.44	63	269489	4.751	ug/L 100
21) 2-Butanone	4.30	43	475113	50.755	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	146156	4.483	ug/L 100
23) Bromochloromethane	4.54	128	64273	4.464	ug/L 100
25) Chloroform	4.67	83	249647	4.350	ug/L 100
27) 1,2-Dichloroethane	5.40	62	162653	4.380	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	210258	4.442	ug/L 100
30) Cyclohexane	4.98	56	252156	5.023	ug/L 100
31) Carbon tetrachloride	5.13	117	183548	4.316	ug/L 100
33) Benzene	5.38	78	566973	4.695	ug/L 100
34) Trichloroethene	6.18	95	147154	4.476	ug/L 100
35) Methylcyclohexane	6.41	83	220680	4.825	ug/L 100
37) 1,2-Dichloropropane	6.43	63	151671	4.723	ug/L 100
38) Bromodichloromethane	6.75	83	176962	4.504	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	211570	4.940	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	1055399	50.751	ug/L 100

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42) Toluene	7.63	91	571238	4.709	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	166224	4.730	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	107156	4.677	ug/L	100
47) Tetrachloroethene	8.22	164	107015	4.427	ug/L	100
48) 2-Hexanone	8.36	43	764982	51.972	ug/L	100
49) Dibromochloromethane	8.47	129	115651	4.314	ug/L	100
50) 1,2-Dibromoethane	8.58	107	102766	4.763	ug/L	100
51) Chlorobenzene	9.12	112	349672	4.611	ug/L	100
52) Ethylbenzene	9.25	91	615101	4.855	ug/L	100
53) m,p-Xylene	9.37	106	219108	4.831	ug/L	100
54) o-Xylene	9.78	106	222384	4.960	ug/L	100
55) Styrene	9.79	104	376038	5.052	ug/L	100
56) Isopropylbenzene	10.16	105	578837	4.923	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	134373	4.621	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	97816	4.679	ug/L	100
61) Bromoform	9.95	173	66240	4.367	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	249673	4.761	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	253099	4.785	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	244530	4.628	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	21410	4.951	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	187239	4.383	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	148991	4.830	ug/L	100
69) Naphthalene	13.74	128	292059	4.681	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	146153	4.749	ug/L	100

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

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