

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082619\
 Data File : VU033948.D
 Acq On : 26 Aug 2019 11:30
 Operator : JC/SP
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Aug 27 01:23:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	264434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	146548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118071	5.19	ug/L	0.00
7) Chloroethane-d5	1.67	69	99978	4.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	227278	5.04	ug/L	0.00
20) 2-Butanone-d5	4.17	46	295997	62.46	ug/L	0.00
24) Chloroform-d	4.62	84	201866	5.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	108189	5.25	ug/L	0.00
32) Benzene-d6	5.31	84	391708	5.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	125384	5.44	ug/L	0.00
41) Toluene-d8	7.54	98	359437	5.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	47236	5.45	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	211952	64.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	104941	5.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	129933	5.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	157919	6.194 ug/L	100
3) Chloromethane	1.32	50	157237	6.323 ug/L	100
5) Vinyl chloride	1.39	62	163221	5.920 ug/L	100
6) Bromomethane	1.62	94	74169	4.385 ug/L	100
8) Chloroethane	1.69	64	100075	6.147 ug/L	100
9) Trichlorofluoromethane	1.87	101	186398	5.472 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	106139	5.394 ug/L	100
12) 1,1-Dichloroethene	2.27	96	101153	5.408 ug/L	100
13) Acetone	2.32	43	227723	62.444 ug/L	100
14) Carbon disulfide	2.46	76	359780	5.557 ug/L	100
15) Methyl Acetate	2.60	43	62243	6.707 ug/L	100
16) Methylene chloride	2.68	84	115116	5.249 ug/L	100
17) Methyl tert-butyl Ether	2.98	73	272967	5.722 ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	109501	5.325 ug/L	100
19) 1,1-Dichloroethane	3.42	63	216359	6.769 ug/L	100
21) 2-Butanone	4.26	43	347019	81.122 ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	113129	6.607 ug/L	100
23) Bromochloromethane	4.52	128	53203	6.465 ug/L	100
25) Chloroform	4.65	83	212441	6.009 ug/L	100
27) 1,2-Dichloroethane	5.38	62	139035	6.769 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	171983	6.396 ug/L	100
30) Cyclohexane	4.97	56	171658	7.197 ug/L	100
31) Carbon tetrachloride	5.11	117	153269	6.357 ug/L	100
33) Benzene	5.36	78	452877	6.841 ug/L	100
34) Trichloroethene	6.16	95	109506	6.283 ug/L	100
35) Methylcyclohexane	6.39	83	169861	6.806 ug/L	100
37) 1,2-Dichloropropane	6.41	63	120563	6.871 ug/L	100
38) Bromodichloromethane	6.74	83	146595	6.552 ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	158948	6.850 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	814719	81.917 ug/L	100

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42) Toluene	7.62	91	465534	6.941	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	136739	7.021	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	82307	6.655	ug/L	100
47) Tetrachloroethene	8.21	164	89768	6.309	ug/L	100
48) 2-Hexanone	8.35	43	588497	81.610	ug/L	100
49) Dibromochloromethane	8.46	129	97617	6.385	ug/L	100
50) 1,2-Dibromoethane	8.57	107	79940	6.734	ug/L	100
51) Chlorobenzene	9.10	112	288957	6.530	ug/L	100
52) Ethylbenzene	9.23	91	471260	6.927	ug/L	100
53) m,p-Xylene	9.36	106	180741	7.054	ug/L	100
54) o-Xylene	9.76	106	173051	7.034	ug/L	100
55) Styrene	9.77	104	306992	7.171	ug/L	100
56) Isopropylbenzene	10.15	105	447850	7.056	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	109661	6.942	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	79613	6.911	ug/L	100
61) Bromoform	9.94	173	55779	6.390	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	229527	6.515	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	234723	6.466	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	219563	6.456	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	16593	6.780	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	173818	6.474	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	133603	6.769	ug/L	100
69) Naphthalene	13.73	128	204627	6.978	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	131356	6.968	ug/L	100

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

