

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031299.D
 Acq On : 18 Apr 2019 11:22
 Operator : JC/SP
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Apr 19 04:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 03:57:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211527	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	203121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93951	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119836	5.03	ug/L	0.00
7) Chloroethane-d5	1.68	69	97108	5.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	231749	4.95	ug/L	0.00
20) 2-Butanone-d5	4.21	46	235574	51.60	ug/L	0.00
24) Chloroform-d	4.64	84	151624	5.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	82839	5.14	ug/L	0.00
32) Benzene-d6	5.33	84	288402	5.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	92960	5.23	ug/L	0.00
41) Toluene-d8	7.56	98	267409	5.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	37712	5.29	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	177158	53.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75523	5.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	92676	5.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	124482	5.116	ug/L 100
3) Chloromethane	1.32	50	157194	4.774	ug/L 100
5) Vinyl chloride	1.40	62	165189	4.925	ug/L 100
6) Bromomethane	1.63	94	91593	4.927	ug/L 100
8) Chloroethane	1.70	64	91445	4.780	ug/L 100
9) Trichlorofluoromethane	1.88	101	197885	4.690	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	109104	4.786	ug/L 100
12) 1,1-Dichloroethene	2.28	96	108163	4.764	ug/L 100
13) Acetone	2.36	43	242758	47.862	ug/L 100
14) Carbon disulfide	2.47	76	365877	4.827	ug/L 100
15) Methyl Acetate	2.62	43	61157	4.411	ug/L 100
16) Methylene chloride	2.69	84	121310	4.400	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	285944	4.701	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	111159	4.641	ug/L 100
19) 1,1-Dichloroethane	3.44	63	190482	5.699	ug/L 100
21) 2-Butanone	4.30	43	255717	48.804	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	87262	4.712	ug/L 100
23) Bromochloromethane	4.54	128	40250	4.877	ug/L 100
25) Chloroform	4.67	83	157499	4.783	ug/L 100
27) 1,2-Dichloroethane	5.40	62	100735	4.745	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	136815	4.988	ug/L 100
30) Cyclohexane	4.99	56	132910	4.757	ug/L 100
31) Carbon tetrachloride	5.13	117	116170	4.743	ug/L 100
33) Benzene	5.38	78	340633	4.941	ug/L 100
34) Trichloroethene	6.18	95	85296	4.577	ug/L 100
35) Methylcyclohexane	6.41	83	121074	4.718	ug/L 100
37) 1,2-Dichloropropane	6.43	63	87099	4.792	ug/L 100
38) Bromodichloromethane	6.76	83	112623	4.966	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	121872	5.070	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	580427	49.733	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	349373	5.026	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	99636	4.967	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	61105	4.719	ug/L	100
47) Tetrachloroethene	8.22	164	66628	4.798	ug/L	100
48) 2-Hexanone	8.36	43	426607	51.504	ug/L	100
49) Dibromochloromethane	8.47	129	74587	4.814	ug/L	100
50) 1,2-Dibromoethane	8.58	107	60355	4.921	ug/L	100
51) Chlorobenzene	9.12	112	215885	4.960	ug/L	100
52) Ethylbenzene	9.25	91	355611	4.952	ug/L	100
53) m,p-Xylene	9.37	106	128955	4.999	ug/L	100
54) o-Xylene	9.77	106	128676	5.062	ug/L	100
55) Styrene	9.79	104	218151	5.166	ug/L	100
56) Isopropylbenzene	10.16	105	337060	5.050	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	79523	4.804	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	56910	4.798	ug/L	100
61) Bromoform	9.96	173	42932	4.753	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	152257	4.928	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	153609	4.934	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	157246	5.000	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	13331	5.208	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	119865	4.723	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	93998	5.136	ug/L	100
69) Naphthalene	13.74	128	157486	4.929	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	109836	5.794	ug/L	100

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

