

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083120\
 Data File : VU039999.D
 Acq On : 31 Aug 2020 10:37
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Aug 31 17:58:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 31 17:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126829	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61894	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36318	3.45	ug/L	0.00
7) Chloroethane-d5	1.92	69	30871	3.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	96189	4.53	ug/L	0.00
20) 2-Butanone-d5	4.66	46	154279	43.97	ug/L	0.00
24) Chloroform-d	5.08	84	85912	4.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	52661	4.41	ug/L	0.00
32) Benzene-d6	5.74	84	157348	4.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	50819	4.16	ug/L	0.00
41) Toluene-d8	7.91	98	138092	4.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	22625	4.38	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	116605	44.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44606	4.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	48651	4.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	68798	5.162	ug/L 100
3) Chloromethane	1.53	50	64118	4.365	ug/L 100
5) Vinyl chloride	1.61	62	64465	4.653	ug/L 100
6) Bromomethane	1.87	94	33369	4.243	ug/L 100
8) Chloroethane	1.94	64	39761	4.438	ug/L 100
9) Trichlorofluoromethane	2.15	101	94954	4.559	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	60216	5.182	ug/L 100
12) 1,1-Dichloroethene	2.59	96	54018	4.876	ug/L 100
13) Acetone	2.67	43	147607	57.792	ug/L 100
14) Carbon disulfide	2.81	76	168739	4.740	ug/L 100
15) Methyl Acetate	2.97	43	32898	5.180	ug/L 100
16) Methylene chloride	3.06	84	62831	4.118	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	158627	5.515	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	55996	4.865	ug/L 100
19) 1,1-Dichloroethane	3.89	63	116354	5.346	ug/L 100
21) 2-Butanone	4.74	43	235773	54.310	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	60565	4.994	ug/L 100
23) Bromochloromethane	5.00	128	27679	4.901	ug/L 100
25) Chloroform	5.11	83	120078	5.392	ug/L 100
27) 1,2-Dichloroethane	5.81	62	88879	5.630	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	104966	5.500	ug/L 100
30) Cyclohexane	5.41	56	101749	5.433	ug/L 100
31) Carbon tetrachloride	5.54	117	88180	5.271	ug/L 100
33) Benzene	5.79	78	239367	5.171	ug/L 100
34) Trichloroethene	6.56	95	63901	5.279	ug/L 100
35) Methylcyclohexane	6.77	83	97030	5.263	ug/L 100
37) 1,2-Dichloropropane	6.80	63	66447	5.343	ug/L 100
38) Bromodichloromethane	7.11	83	87443	5.495	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	98628	5.623	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	556672	55.805	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	252291	5.318	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	89683	5.413	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	49254	5.251	ug/L	100
47) Tetrachloroethene	8.56	164	41925	4.811	ug/L	100
48) 2-Hexanone	8.69	43	412642	57.392	ug/L	100
49) Dibromochloromethane	8.82	129	56628	5.084	ug/L	100
50) 1,2-Dibromoethane	8.93	107	46625	5.222	ug/L	100
51) Chlorobenzene	9.45	112	154272	5.035	ug/L	100
52) Ethylbenzene	9.57	91	283714	5.450	ug/L	100
53) m,p-Xylene	9.69	106	102910	5.237	ug/L	100
54) o-Xylene	10.10	106	100193	5.372	ug/L	100
55) Styrene	10.11	104	172865	5.358	ug/L	100
56) Isopropylbenzene	10.48	105	271106	5.400	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	59921	4.996	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	48978	5.445	ug/L	100
61) Bromoform	10.29	173	29263	5.330	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	116729	5.115	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	119804	5.147	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	113021	5.106	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	12373	6.434	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	81400	4.818	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	72828	5.029	ug/L	100
69) Naphthalene	14.08	128	157176	5.695	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	66977	4.964	ug/L	100

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

