

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039899.D
 Acq On : 19 Aug 2020 10:19
 Operator : SY/MD
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00504

Quant Time: Aug 20 07:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 07:38:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41402	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30354	6.94	ug/L	0.00
7) Chloroethane-d5	1.92	69	25876	5.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	61335	6.93	ug/L	0.00
20) 2-Butanone-d5	4.67	46	99021	55.14	ug/L	0.00
24) Chloroform-d	5.09	84	56854	5.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	30895	5.17	ug/L	0.00
32) Benzene-d6	5.75	84	105831	5.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	33943	5.37	ug/L	0.00
41) Toluene-d8	7.90	98	97116	5.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	14388	5.86	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	77921	58.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30439	5.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	40120	5.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	39594	6.211	ug/L 100
3) Chloromethane	1.53	50	42547	6.313	ug/L 100
5) Vinyl chloride	1.61	62	43024	6.563	ug/L 100
6) Bromomethane	1.87	94	23243	5.858	ug/L 100
8) Chloroethane	1.94	64	25267	5.541	ug/L 100
9) Trichlorofluoromethane	2.15	101	62031	6.251	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	36366	6.533	ug/L 100
12) 1,1-Dichloroethene	2.59	96	33052	6.788	ug/L 100
13) Acetone	2.68	43	69412	62.065	ug/L 100
14) Carbon disulfide	2.81	76	106430	6.917	ug/L 100
15) Methyl Acetate	2.97	43	17894	6.473	ug/L 100
16) Methylene chloride	3.06	84	38612	5.134	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	84372	6.634	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	34216	6.422	ug/L 100
19) 1,1-Dichloroethane	3.89	63	64518	6.549	ug/L 100
21) 2-Butanone	4.74	43	122570	68.732	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	35823	6.310	ug/L 100
23) Bromochloromethane	4.99	128	17185	6.436	ug/L 100
25) Chloroform	5.11	83	63613	6.161	ug/L 100
27) 1,2-Dichloroethane	5.81	62	44994	6.285	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	56094	6.235	ug/L 100
30) Cyclohexane	5.41	56	56695	6.434	ug/L 100
31) Carbon tetrachloride	5.54	117	48637	5.943	ug/L 100
33) Benzene	5.79	78	139483	6.317	ug/L 100
34) Trichloroethene	6.55	95	35889	6.283	ug/L 100
35) Methylcyclohexane	6.77	83	56072	6.195	ug/L 100
37) 1,2-Dichloropropane	6.80	63	36774	6.260	ug/L 100
38) Bromodichloromethane	7.11	83	46901	6.130	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	52415	6.478	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	290365	65.591	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	145596	6.275	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	46206	6.420	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	28234	6.432	ug/L	100
47) Tetrachloroethene	8.56	164	26583	5.729	ug/L	100
48) 2-Hexanone	8.69	43	210096	65.856	ug/L	100
49) Dibromochloromethane	8.82	129	33305	6.204	ug/L	100
50) 1,2-Dibromoethane	8.93	107	26763	6.258	ug/L	100
51) Chlorobenzene	9.45	112	93834	6.089	ug/L	100
52) Ethylbenzene	9.57	91	157132	6.116	ug/L	100
53) m,p-Xylene	9.69	106	61709	6.304	ug/L	100
54) o-Xylene	10.10	106	58951	6.187	ug/L	100
55) Styrene	10.11	104	102697	6.339	ug/L	100
56) Isopropylbenzene	10.48	105	156370	6.130	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	35998	6.017	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	25894	6.172	ug/L	100
61) Bromoform	10.29	173	18916	6.297	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	79640	6.167	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	81092	6.007	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	75280	5.962	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	6359	6.511	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	56503	5.829	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	49343	6.066	ug/L	100
69) Naphthalene	14.08	128	92063	6.267	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	46054	6.320	ug/L	100

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

