

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120320\
 Data File : VU041453.D
 Acq On : 03 Dec 2020 16:44
 Operator : SY/MD
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Dec 04 01:54:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 04 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59666	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59730	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15671	3.89	ug/L	0.00
7) Chloroethane-d5	1.92	69	13983	4.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	37830	4.69	ug/L	0.00
20) 2-Butanone-d5	4.65	46	48903	46.25	ug/L	0.00
24) Chloroform-d	5.08	84	41324	4.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	26572	5.19	ug/L	0.00
32) Benzene-d6	5.74	84	63165	4.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	18748	4.20	ug/L	0.00
41) Toluene-d8	7.90	98	62404	4.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	10864	5.12	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	38646	55.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17940	4.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	25569	4.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	31680	5.423	ug/L 100
3) Chloromethane	1.53	50	19691	4.182	ug/L 100
5) Vinyl chloride	1.61	62	21832	4.309	ug/L 100
6) Bromomethane	1.87	94	14763	6.869	ug/L 100
8) Chloroethane	1.94	64	14064	4.747	ug/L 100
9) Trichlorofluoromethane	2.15	101	50614	5.987	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	21743	5.247	ug/L 100
12) 1,1-Dichloroethene	2.59	96	18559	5.083	ug/L 100
13) Acetone	2.66	43	43531	58.138	ug/L 100
14) Carbon disulfide	2.81	76	50347	4.121	ug/L 100
15) Methyl Acetate	2.97	43	8186	4.935	ug/L 100
16) Methylene chloride	3.06	84	21918	4.244	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	54767	5.798	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	18635	4.741	ug/L 100
19) 1,1-Dichloroethane	3.89	63	36191	4.642	ug/L 100
21) 2-Butanone	4.73	43	57397	50.147	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	21311	5.039	ug/L 100
23) Bromochloromethane	4.99	128	10389	5.542	ug/L 100
25) Chloroform	5.11	83	45482	5.166	ug/L 100
27) 1,2-Dichloroethane	5.81	62	33476	5.714	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	43775	5.721	ug/L 100
30) Cyclohexane	5.40	56	26864	4.432	ug/L 100
31) Carbon tetrachloride	5.54	117	41387	5.962	ug/L 100
33) Benzene	5.79	78	78192	4.934	ug/L 100
34) Trichloroethene	6.55	95	22898	5.270	ug/L 100
35) Methylcyclohexane	6.77	83	31182	5.015	ug/L 100
37) 1,2-Dichloropropane	6.80	63	19716	4.643	ug/L 100
38) Bromodichloromethane	7.11	83	33172	5.514	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	32067	5.312	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	137850	51.724	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	90231	5.330	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	32217	5.767	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	16093	5.303	ug/L	100
47) Tetrachloroethene	8.56	164	17913	5.460	ug/L	100
48) 2-Hexanone	8.69	43	102532	52.170	ug/L	100
49) Dibromochloromethane	8.81	129	23627	5.947	ug/L	100
50) 1,2-Dibromoethane	8.93	107	16632	5.668	ug/L	100
51) Chlorobenzene	9.45	112	58757	5.306	ug/L	100
52) Ethylbenzene	9.57	91	100207	5.486	ug/L	100
53) m,p-Xylene	9.69	106	37374	5.599	ug/L	100
54) o-Xylene	10.10	106	35009	5.429	ug/L	100
55) Styrene	10.11	104	64315	5.916	ug/L	100
56) Isopropylbenzene	10.48	105	102092	5.828	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	19066	5.145	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	15531	5.365	ug/L	100
61) Bromoform	10.29	173	14229	5.900	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	50775	5.336	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	51040	5.405	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	48120	5.437	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	4508	6.258	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	38280	5.622	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	31424	5.851	ug/L	100
69) Naphthalene	14.08	128	46296	5.528	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	28166	5.781	ug/L	100

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

