

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040866.D
 Acq On : 21 Oct 2020 11:50
 Operator : SY/MD
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Quant Time: Oct 22 00:08:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	236986	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	244326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	117801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16921	0.90	ug/L	0.00
7) Chloroethane-d5	1.92	69	14375	0.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	35108	0.94	ug/L	0.00
20) 2-Butanone-d5	4.65	46	56763	9.31	ug/L	0.00
24) Chloroform-d	5.08	84	37089	1.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	20500	0.99	ug/L	0.00
32) Benzene-d6	5.75	84	61080	0.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	21252	0.98	ug/L	0.00
41) Toluene-d8	7.91	98	52262	0.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	8040	0.89	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	36162	7.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	18276	0.94	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	20384	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	24644	1.136	ug/L 96
3) Chloromethane	1.52	50	27424	1.297	ug/L 98
5) Vinyl chloride	1.61	62	23417	1.085	ug/L 90
6) Bromomethane	1.86	94	12995	1.131	ug/L 91
8) Chloroethane	1.94	64	16197	1.181	ug/L 93
9) Trichlorofluoromethane	2.15	101	32107	1.054	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	18908	0.972	ug/L 97
12) 1,1-Dichloroethene	2.59	96	17757	1.061	ug/L 92
13) Acetone	2.65	43	43003	9.389	ug/L 100
14) Carbon disulfide	2.81	76	59850	1.208	ug/L 99
15) Methyl Acetate	2.96	43	10570	0.997	ug/L 98
16) Methylene chloride	3.06	84	22157	1.037	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	38877	0.843	ug/L 95
18) trans-1,2-Dichloroethene	3.37	96	17496	0.996	ug/L 90
19) 1,1-Dichloroethane	3.89	63	35890	0.993	ug/L 98
21) 2-Butanone	4.73	43	57731	8.110	ug/L 97
22) cis-1,2-Dichloroethene	4.69	96	18760	0.991	ug/L 93
23) Bromochloromethane	4.99	128	9166	0.988	ug/L 97
25) Chloroform	5.11	83	37576	1.022	ug/L 98
27) 1,2-Dichloroethane	5.81	62	24769	0.953	ug/L 98
29) 1,1,1-Trichloroethane	5.33	97	30382	0.939	ug/L 100
30) Cyclohexane	5.41	56	28319	0.939	ug/L 94
31) Carbon tetrachloride	5.54	117	26100	0.944	ug/L 96
33) Benzene	5.79	78	73268	0.945	ug/L 100
34) Trichloroethene	6.56	95	19492	0.978	ug/L 96
35) Methylcyclohexane	6.77	83	26604	0.927	ug/L 98
37) 1,2-Dichloropropane	6.80	63	20925	0.978	ug/L # 97
38) Bromodichloromethane	7.11	83	26477	0.971	ug/L 97
39) cis-1,3-Dichloropropene	7.62	75	24895	0.853	ug/L 98
40) 4-Methyl-2-pentanone	7.80	43	123913	7.518	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	71035	0.902	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	22161	0.831	ug/L	91
45) 1,1,2-Trichloroethane	8.41	97	14192	0.898	ug/L	96
47) Tetrachloroethene	8.56	164	14621	1.027	ug/L	93
48) 2-Hexanone	8.69	43	89707	7.331	ug/L	96
49) Dibromochloromethane	8.82	129	16661	0.915	ug/L	95
50) 1,2-Dibromoethane	8.93	107	12408	0.825	ug/L #	100
51) Chlorobenzene	9.45	112	49035	0.950	ug/L	98
52) Ethylbenzene	9.57	91	73244	0.866	ug/L	99
53) m,p-Xylene	9.69	106	26122	0.849	ug/L	93
54) o-Xylene	10.10	106	25087	0.851	ug/L	99
55) Styrene	10.11	104	39598	0.770	ug/L	97
56) Isopropylbenzene	10.48	105	64125	0.805	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	16793	0.811	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	13421	0.869	ug/L	93
61) Bromoform	10.29	173	8556	0.887	ug/L #	96
62) 1,3-Dichlorobenzene	11.74	146	35568	0.939	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	35935	0.921	ug/L	92
65) 1,2-Dichlorobenzene	12.21	146	33964	0.925	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	3287	1.025	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	27358	1.018	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	21671	1.033	ug/L	98
69) Naphthalene	14.08	128	35282	1.005	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	20963	1.075	ug/L	96

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

