

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040274.D
 Acq On : 24 Sep 2020 16:20
 Operator : SY/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Quant Time: Sep 25 02:10:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:03:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	228491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	223348	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	116495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	67800	5.31	ug/L	0.00
7) Chloroethane-d5	1.92	69	56558	4.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	34725	6.28	ug/L	0.00
20) 2-Butanone-d5	4.65	46	257896	79.44	ug/L	0.00
24) Chloroform-d	5.08	84	136854	5.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	82695	6.24	ug/L	0.00
32) Benzene-d6	5.74	84	261449	4.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	85111	5.13	ug/L	0.00
41) Toluene-d8	7.90	98	234267	4.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	34986	5.29	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	191735	60.08	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	74792	5.47	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	88138	4.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	116615	6.433	ug/L 100
3) Chloromethane	1.53	50	113359	6.030	ug/L 100
5) Vinyl chloride	1.61	62	109564	5.541	ug/L 100
6) Bromomethane	1.87	94	59431	5.255	ug/L 100
8) Chloroethane	1.94	64	66252	5.384	ug/L 100
9) Trichlorofluoromethane	2.15	101	148315	6.223	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	93592	6.355	ug/L 100
12) 1,1-Dichloroethene	2.59	96	84562	5.907	ug/L 100
13) Acetone	2.66	43	229954	88.863	ug/L 100
14) Carbon disulfide	2.81	76	297585	6.420	ug/L 100
15) Methyl Acetate	2.97	43	52476	8.189	ug/L 100
16) Methylene chloride	3.06	84	98299	5.062	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	233968	6.370	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	90344	5.884	ug/L 100
19) 1,1-Dichloroethane	3.89	63	178500	6.462	ug/L 100
21) 2-Butanone	4.73	43	369105	88.896	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	95302	5.629	ug/L 100
23) Bromochloromethane	4.99	128	44416	6.123	ug/L 100
25) Chloroform	5.11	83	181034	6.537	ug/L 100
27) 1,2-Dichloroethane	5.81	62	129608	7.199	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	150992	6.294	ug/L 100
30) Cyclohexane	5.40	56	168886	6.207	ug/L 100
31) Carbon tetrachloride	5.54	117	131398	6.445	ug/L 100
33) Benzene	5.79	78	384412	5.841	ug/L 100
34) Trichloroethene	6.56	95	99391	5.743	ug/L 100
35) Methylcyclohexane	6.77	83	155558	5.350	ug/L 100
37) 1,2-Dichloropropane	6.80	63	101303	6.141	ug/L 100
38) Bromodichloromethane	7.11	83	129681	6.349	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	142817	5.711	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	850623	81.410	ug/L 100

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42) Toluene	7.97	91	396076	5.541	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	135977	6.714	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	71920	5.953	ug/L	100
47) Tetrachloroethene	8.56	164	70461	5.144	ug/L	100
48) 2-Hexanone	8.69	43	643143	86.847	ug/L	100
49) Dibromochloromethane	8.81	129	83958	6.031	ug/L	100
50) 1,2-Dibromoethane	8.93	107	70502	5.950	ug/L	100
51) Chlorobenzene	9.45	112	243511	5.355	ug/L	100
52) Ethylbenzene	9.57	91	432081	5.554	ug/L	100
53) m,p-Xylene	9.69	106	159393	5.350	ug/L	100
54) o-Xylene	10.10	106	151254	5.202	ug/L	100
55) Styrene	10.11	104	267809	5.537	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	97137	6.270	ug/L	100
59) Bromoform	10.29	173	46828	5.744	ug/L	100
60) Isopropylbenzene	10.48	105	409950	5.135	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	71981	6.189	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	338699	4.993	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	348321	5.145	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	195622	5.232	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	199943	5.306	ug/L	100
67) 1,2-Dichlorobenzene	12.20	146	191724	5.331	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	16321	6.531	ug/L	100
69) 1,3,5-Trichlorobenzene	13.21	180	138517	4.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	114762	5.490	ug/L	100
71) Naphthalene	14.08	128	200767	6.437	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	102600	5.444	ug/L	100

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

