

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112520\
 Data File : VU041431.D
 Acq On : 25 Nov 2020 14:47
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5103

Quant Time: Nov 26 06:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR112520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 26 06:14:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66391	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	34343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	2393	0.54	ug/L	0.00
7) Chloroethane-d5	1.92	69	1785	0.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	1101	0.52	ug/L	0.00
20) 2-Butanone-d5	4.65	46	5762	3.40	ug/L	0.00
24) Chloroform-d	5.08	84	4881	0.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.71	65	3137	0.56	ug/L	0.00
32) Benzene-d6	5.74	84	7619	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	2007	0.36	ug/L	0.00
41) Toluene-d8	7.90	98	7132	0.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	991	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	4001	3.25	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	2274	0.44	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	2856	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	3439	0.583	ug/L 96
3) Chloromethane	1.52	50	3044	0.524	ug/L 99
5) Vinyl chloride	1.61	62	2615	0.460	ug/L 91
6) Bromomethane	1.86	94	1517	0.494	ug/L 93
8) Chloroethane	1.94	64	2048	0.555	ug/L 97
9) Trichlorofluoromethane	2.15	101	4851	0.572	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2251	0.482	ug/L # 75
12) 1,1-Dichloroethene	2.59	96	2018	0.464	ug/L 82
13) Acetone	2.67	43	4798	4.256	ug/L 83
14) Carbon disulfide	2.81	76	5736	0.422	ug/L 97
15) Methyl Acetate	2.97	43	792	0.309	ug/L # 64
16) Methylene chloride	3.06	84	4138	0.795	ug/L 93
17) Methyl tert-butyl Ether	3.38	73	5412	0.469	ug/L 94
18) trans-1,2-Dichloroethene	3.37	96	1727	0.389	ug/L 89
19) 1,1-Dichloroethane	3.88	63	3751	0.409	ug/L # 91
21) 2-Butanone	4.74	43	6223	3.505	ug/L 89
22) cis-1,2-Dichloroethene	4.68	96	2166	0.452	ug/L 89
23) Bromochloromethane	4.99	128	1063	0.469	ug/L 88
25) Chloroform	5.11	83	4963	0.520	ug/L 80
27) 1,2-Dichloroethane	5.81	62	3484	0.499	ug/L # 79
29) 1,1,1-Trichloroethane	5.33	97	4279	0.488	ug/L 99
30) Cyclohexane	5.40	56	2619	0.342	ug/L 94
31) Carbon tetrachloride	5.54	117	3822	0.505	ug/L 98
33) Benzene	5.79	78	7990	0.408	ug/L 100
34) Trichloroethene	6.55	95	2265	0.426	ug/L 96
35) Methylcyclohexane	6.77	83	2769	0.374	ug/L 99
37) 1,2-Dichloropropane	6.80	63	2021	0.369	ug/L # 88
38) Bromodichloromethane	7.11	83	3262	0.456	ug/L 97
39) cis-1,3-Dichloropropene	7.61	75	3089	0.410	ug/L 96
40) 4-Methyl-2-pentanone	7.80	43	14000	3.436	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.97	91	8601	0.426	ug/L	94
44) trans-1,3-Dichloropropene	8.22	75	2811	0.397	ug/L	91
45) 1,1,2-Trichloroethane	8.40	97	1692	0.427	ug/L	88
47) Tetrachloroethene	8.56	164	1651	0.443	ug/L	90
48) 2-Hexanone	8.69	43	10544	3.449	ug/L	99
49) Dibromochloromethane	8.82	129	2132	0.446	ug/L	85
50) 1,2-Dibromoethane	8.93	107	1699	0.449	ug/L #	94
51) Chlorobenzene	9.45	112	6514	0.506	ug/L	88
52) Ethylbenzene	9.57	91	9614	0.459	ug/L	97
53) m,p-Xylene	9.70	106	3192	0.419	ug/L	96
54) o-Xylene	10.10	106	3213	0.439	ug/L	91
55) Styrene	10.11	104	5432	0.428	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.79	83	2175	0.424	ug/L	94
59) Bromoform	10.29	173	1175	0.430	ug/L #	89
60) Isopropylbenzene	10.48	105	8557	0.423	ug/L	98
61) 1,2,3-Trichloropropane	10.82	75	1667	0.408	ug/L	94
62) 1,3,5-Trimethylbenzene	11.09	105	6818	0.408	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	7156	0.424	ug/L	94
64) 1,3-Dichlorobenzene	11.74	146	4788	0.467	ug/L	91
65) 1,4-Dichlorobenzene	11.83	146	5118	0.490	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	4847	0.485	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.99	75	421	0.431	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.21	180	3875	0.539	ug/L	97
70) 1,2,4-trichlorobenzene	13.83	180	3146	0.519	ug/L	98
71) Naphthalene	14.08	128	4940	0.463	ug/L	96
72) 1,2,3-Trichlorobenzene	14.32	180	3108	0.548	ug/L	93

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

