

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040278.D
 Acq On : 24 Sep 2020 18:10
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010104

Quant Time: Sep 25 02:12:30 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	211988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	207632	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	110594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	144000	12.16	ug/L	0.00
7) Chloroethane-d5	1.92	69	118208	11.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	72288	14.09	ug/L	0.00
20) 2-Butanone-d5	4.65	46	547070	181.64	ug/L	0.00
24) Chloroform-d	5.08	84	294231	12.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	171381	13.94	ug/L	0.00
32) Benzene-d6	5.74	84	557805	11.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	181507	11.76	ug/L	0.00
41) Toluene-d8	7.90	98	509047	10.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	75719	12.31	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	418452	141.04	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	154766	12.17	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	191276	10.15	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	222719	13.242	ug/L 98
3) Chloromethane	1.52	50	218676	12.537	ug/L 98
5) Vinyl chloride	1.61	62	214470	11.691	ug/L 98
6) Bromomethane	1.87	94	116393	11.094	ug/L 100
8) Chloroethane	1.94	64	122506	10.730	ug/L 97
9) Trichlorofluoromethane	2.15	101	282131	12.760	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	179813	13.160	ug/L 100
12) 1,1-Dichloroethene	2.59	96	166939	12.568	ug/L 98
13) Acetone	2.66	43	419582	174.765	ug/L 99
14) Carbon disulfide	2.81	76	561907	13.067	ug/L 98
15) Methyl Acetate	2.97	43	100406	16.888	ug/L 99
16) Methylene chloride	3.06	84	182448	10.127	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	456250	13.389	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	175065	12.290	ug/L 97
19) 1,1-Dichloroethane	3.89	63	345763	13.492	ug/L 98
21) 2-Butanone	4.73	43	708219	183.847	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	188705	12.014	ug/L 98
23) Bromochloromethane	4.99	128	85385	12.686	ug/L 97
25) Chloroform	5.11	83	345968	13.466	ug/L 98
27) 1,2-Dichloroethane	5.81	62	240790	14.415	ug/L 98
29) 1,1,1-Trichloroethane	5.33	97	296609	13.301	ug/L 98
30) Cyclohexane	5.40	56	336506	13.303	ug/L 99
31) Carbon tetrachloride	5.54	117	254209	13.412	ug/L 99
33) Benzene	5.79	78	737924	12.062	ug/L 100
34) Trichloroethene	6.55	95	190405	11.835	ug/L 97
35) Methylcyclohexane	6.77	83	311479	11.524	ug/L 99
37) 1,2-Dichloropropane	6.80	63	195160	12.726	ug/L 99
38) Bromodichloromethane	7.11	83	248858	13.105	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	289924	12.472	ug/L 96
40) 4-Methyl-2-pentanone	7.80	43	1634352	168.257	ug/L 100

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42) Toluene	7.98	91	764995	11.513	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	265304	14.090	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	135041	12.023	ug/L	96
47) Tetrachloroethene	8.56	164	138802	10.901	ug/L	95
48) 2-Hexanone	8.69	43	1207464	175.392	ug/L	99
49) Dibromochloromethane	8.82	129	162300	12.541	ug/L	98
50) 1,2-Dibromoethane	8.93	107	132591	12.036	ug/L	100
51) Chlorobenzene	9.45	112	478229	11.312	ug/L	99
52) Ethylbenzene	9.57	91	861686	11.915	ug/L	100
53) m,p-Xylene	9.69	106	318574	11.501	ug/L	99
54) o-Xylene	10.10	106	307685	11.383	ug/L	100
55) Styrene	10.11	104	540033	12.010	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	180233	12.514	ug/L	99
59) Bromoform	10.29	173	91917	11.876	ug/L	98
60) Isopropylbenzene	10.48	105	835126	11.019	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	138987	12.587	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	711696	11.051	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	718877	11.185	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	390014	10.987	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	398913	11.152	ug/L	97
67) 1,2-Dichlorobenzene	12.20	146	365644	10.708	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	33030	13.923	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	276038	10.352	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	237542	11.970	ug/L	99
71) Naphthalene	14.07	128	445188	15.034	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	217065	12.132	ug/L	98

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

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