

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040347.D
 Acq On : 29 Sep 2020 09:21
 Operator : SY/MD
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Quant Time: Sep 30 01:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:04:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125582	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	3381	0.51	ug/L	0.00
7) Chloroethane-d5	1.92	69	2905	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	7309	0.43	ug/L	0.00
20) 2-Butanone-d5	4.65	46	14649	5.29	ug/L	0.00
24) Chloroform-d	5.08	84	7243	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	4805	0.50	ug/L	0.00
32) Benzene-d6	5.74	84	12196	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	4713	0.48	ug/L	0.00
41) Toluene-d8	7.90	98	9921	0.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	1806	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	8604	3.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	4617	0.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	5073	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6125	0.496	ug/L 98
3) Chloromethane	1.53	50	6237	0.523	ug/L 89
5) Vinyl chloride	1.61	62	5973	0.497	ug/L 99
6) Bromomethane	1.87	94	2677	0.440	ug/L 93
8) Chloroethane	1.94	64	3771	0.522	ug/L # 77
9) Trichlorofluoromethane	2.15	101	8525	0.502	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	5663	0.513	ug/L 94
12) 1,1-Dichloroethene	2.59	96	4718	0.492	ug/L 82
13) Acetone	2.66	43	13382	5.428	ug/L 95
14) Carbon disulfide	2.81	76	15153	0.492	ug/L 97
15) Methyl Acetate	2.97	43	3166	0.501	ug/L # 80
16) Methylene chloride	3.06	84	7595	0.605	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	12276	0.433	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	4479	0.434	ug/L 93
19) 1,1-Dichloroethane	3.89	63	10072	0.476	ug/L # 92
21) 2-Butanone	4.73	43	19032	4.670	ug/L 97
22) cis-1,2-Dichloroethene	4.68	96	5265	0.472	ug/L 95
23) Bromochloromethane	4.99	128	2325	0.476	ug/L 96
25) Chloroform	5.11	83	10300	0.476	ug/L 97
27) 1,2-Dichloroethane	5.81	62	6880	0.441	ug/L 96
29) 1,1,1-Trichloroethane	5.33	97	8489	0.430	ug/L 97
30) Cyclohexane	5.40	56	7864	0.406	ug/L 96
31) Carbon tetrachloride	5.54	117	7032	0.414	ug/L 98
33) Benzene	5.79	78	19865	0.434	ug/L 100
34) Trichloroethene	6.56	95	5616	0.461	ug/L 96
35) Methylcyclohexane	6.77	83	7338	0.394	ug/L 97
37) 1,2-Dichloropropane	6.80	63	5766	0.468	ug/L # 92
38) Bromodichloromethane	7.11	83	6870	0.411	ug/L 87
39) cis-1,3-Dichloropropene	7.62	75	6501	0.363	ug/L 97
40) 4-Methyl-2-pentanone	7.80	43	38599	3.830	ug/L 98

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

42) Toluene	7.98	91	18900	0.402	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	6023	0.362	ug/L #	79
45) 1,1,2-Trichloroethane	8.40	97	3822	0.428	ug/L	96
47) Tetrachloroethene	8.56	164	3890	0.479	ug/L	97
48) 2-Hexanone	8.69	43	28183	3.848	ug/L	97
49) Dibromochloromethane	8.81	129	4303	0.401	ug/L	92
50) 1,2-Dibromoethane	8.93	107	3395	0.392	ug/L #	95
51) Chlorobenzene	9.45	112	13141	0.446	ug/L	96
52) Ethylbenzene	9.57	91	19602	0.370	ug/L	96
53) m,p-Xylene	9.69	106	7182	0.378	ug/L	99
54) o-Xylene	10.10	106	6541	0.362	ug/L	93
55) Styrene	10.11	104	10929	0.346	ug/L	97
56) Isopropylbenzene	10.48	105	17138	0.349	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	5315	0.456	ug/L	90
59) 1,2,3-Trichloropropane	10.82	75	4195	0.461	ug/L	98
61) Bromoform	10.29	173	2505	0.445	ug/L #	93
62) 1,3-Dichlorobenzene	11.74	146	8944	0.395	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	10055	0.440	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	9018	0.412	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.99	75	943	0.422	ug/L	87
67) 1,3,5-Trichlorobenzene	13.21	180	6579	0.415	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	4538	0.337	ug/L	90
69) Naphthalene	14.08	128	5941	0.221	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	4078	0.329	ug/L	99

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

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