

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040350.D
 Acq On : 29 Sep 2020 10:31
 Operator : SY/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Sep 30 01:13:56 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	140702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139363	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	69948	9.37	ug/L	0.00
7) Chloroethane-d5	1.92	69	61545	9.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	172825	9.16	ug/L	0.00
20) 2-Butanone-d5	4.65	46	368175	118.76	ug/L	0.00
24) Chloroform-d	5.08	84	173200	9.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	101570	9.43	ug/L	0.00
32) Benzene-d6	5.74	84	299547	9.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	104997	9.96	ug/L	0.00
41) Toluene-d8	7.91	98	267421	9.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	45357	9.57	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	289420	124.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	101955	10.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	117332	9.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	146408	10.578	ug/L 100
3) Chloromethane	1.53	50	137848	10.310	ug/L 100
5) Vinyl chloride	1.61	62	140078	10.397	ug/L 99
6) Bromomethane	1.87	94	70726	10.366	ug/L 99
8) Chloroethane	1.94	64	80423	9.935	ug/L 100
9) Trichlorofluoromethane	2.15	101	189365	9.955	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	121305	9.806	ug/L 99
12) 1,1-Dichloroethene	2.59	96	110153	10.259	ug/L 99
13) Acetone	2.66	43	298604	108.111	ug/L 97
14) Carbon disulfide	2.81	76	345037	10.007	ug/L 99
15) Methyl Acetate	2.97	43	69061	9.751	ug/L 100
16) Methylene chloride	3.06	84	124432	8.841	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	311035	9.782	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	115611	9.991	ug/L 98
19) 1,1-Dichloroethane	3.89	63	233298	9.850	ug/L 98
21) 2-Butanone	4.73	43	489498	107.207	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	128225	10.258	ug/L 99
23) Bromochloromethane	4.99	128	58816	10.744	ug/L 97
25) Chloroform	5.11	83	235899	9.724	ug/L 100
27) 1,2-Dichloroethane	5.81	62	163692	9.366	ug/L 97
29) 1,1,1-Trichloroethane	5.33	97	198833	9.379	ug/L 98
30) Cyclohexane	5.41	56	217401	10.468	ug/L 99
31) Carbon tetrachloride	5.54	117	171222	9.392	ug/L 100
33) Benzene	5.79	78	493585	10.051	ug/L 100
34) Trichloroethene	6.56	95	127806	9.776	ug/L 97
35) Methylcyclohexane	6.77	83	204265	10.224	ug/L 98
37) 1,2-Dichloropropane	6.80	63	135144	10.231	ug/L 100
38) Bromodichloromethane	7.11	83	168134	9.367	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	197112	10.269	ug/L 95
40) 4-Methyl-2-pentanone	7.80	43	1142043	105.598	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	520569	10.310	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	180253	10.107	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	95727	9.989	ug/L	97
47) Tetrachloroethene	8.56	164	94265	10.808	ug/L	95
48) 2-Hexanone	8.69	43	845472	107.561	ug/L	99
49) Dibromochloromethane	8.82	129	114809	9.976	ug/L	97
50) 1,2-Dibromoethane	8.93	107	92391	9.936	ug/L	95
51) Chlorobenzene	9.45	112	325937	10.310	ug/L	99
52) Ethylbenzene	9.57	91	582963	10.260	ug/L	99
53) m,p-Xylene	9.69	106	220683	10.814	ug/L	98
54) o-Xylene	10.10	106	210965	10.873	ug/L	94
55) Styrene	10.11	104	370384	10.927	ug/L	99
56) Isopropylbenzene	10.48	105	568079	10.770	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	127863	10.211	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	97659	9.998	ug/L	99
61) Bromoform	10.29	173	64311	9.507	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	269063	9.879	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	270739	9.854	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	257991	9.809	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	22810	8.493	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	192337	10.086	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	167150	10.334	ug/L	98
69) Naphthalene	14.08	128	319746	9.879	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	153258	10.284	ug/L	99

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

