

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072320\
 Data File : VU039632.D
 Acq On : 23 Jul 2020 11:34
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01031

Quant Time: Jul 23 12:37:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 12:34:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	154589	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	153606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12131	13.82	ug/L	0.00
7) Chloroethane-d5	1.92	69	13571	17.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	25968	13.68	ug/L	0.00
21) 2-Butanone-d5	4.65	46	28516	32.04	ug/L	0.00
24) Chloroform-d	5.08	84	26621	13.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	19528	15.05	ug/L	0.00
32) Benzene-d6	5.74	84	50752	13.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	16692	14.23	ug/L	0.00
41) Toluene-d8	7.91	98	45414	13.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	7791	13.20	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	16537	26.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24924	13.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	18346	14.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	12970	10.958	ug/L 99
3) Chloromethane	1.53	50	13825	11.951	ug/L 99
5) Vinyl chloride	1.61	62	13644	11.259	ug/L 97
6) Bromomethane	1.87	94	9455	13.920	ug/L 94
8) Chloroethane	1.94	64	11020	14.214	ug/L 98
9) Trichlorofluoromethane	2.15	101	23986	13.641	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	11741	12.048	ug/L 97
12) 1,1-Dichloroethene	2.60	96	11084	11.685	ug/L 81
13) Acetone	2.65	43	20534	29.674	ug/L 96
14) Carbon disulfide	2.81	76	34693	11.288	ug/L 98
15) Methyl Acetate	2.97	43	17124	12.202	ug/L 99
16) Methylene chloride	3.06	84	12631	11.167	ug/L 98
17) trans-1,2-Dichloroethene	3.37	96	11766	11.198	ug/L 95
18) Methyl tert-butyl Ether	3.38	73	37383	10.983	ug/L 100
19) 1,1-Dichloroethane	3.89	63	23068	11.468	ug/L 92
20) cis-1,2-Dichloroethene	4.69	96	12819	10.947	ug/L 97
22) 2-Butanone	4.74	43	25713	24.357	ug/L 98
23) Bromochloromethane	5.00	128	6678	11.470	ug/L 90
25) Chloroform	5.11	83	25848	12.604	ug/L 97
27) 1,2-Dichloroethane	5.81	62	20777	12.329	ug/L 100
29) Cyclohexane	5.41	56	20258	11.654	ug/L 99
30) 1,1,1-Trichloroethane	5.34	97	22328	12.306	ug/L 97
31) Carbon tetrachloride	5.55	117	17688	11.690	ug/L 100
33) Benzene	5.79	78	51660	11.487	ug/L 100
34) Trichloroethene	6.56	95	13135	11.352	ug/L 97
35) Methylcyclohexane	6.78	83	20336	11.653	ug/L 99
37) 1,2-Dichloropropane	6.81	63	13596	11.548	ug/L 99
38) Bromodichloromethane	7.12	83	17756	11.652	ug/L 97
39) cis-1,3-Dichloropropene	7.62	75	19824	10.927	ug/L 98
40) 4-Methyl-2-pentanone	7.80	43	45970	24.254	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	53877	11.350	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	17916	10.251	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	13015	11.494	ug/L	95
46) Tetrachloroethene	8.56	164	9789	11.757	ug/L	92
48) 2-Hexanone	8.69	43	38295	24.421	ug/L	98
49) Dibromochloromethane	8.82	129	13421	11.319	ug/L	99
50) 1,2-Dibromoethane	8.93	107	13805	11.251	ug/L #	94
51) Chlorobenzene	9.45	112	34701	11.415	ug/L	98
52) Ethylbenzene	9.57	91	58986	11.253	ug/L	99
53) m,p-Xylene	9.70	106	21749	10.867	ug/L	95
54) o-xylene	10.10	106	20642	10.604	ug/L	91
55) Styrene	10.11	104	35315	10.471	ug/L	99
56) Isopropylbenzene	10.48	105	56846	11.130	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	23324	11.906	ug/L #	93
59) 1,2,3-Trichloropropane	10.83	75	19500	11.731	ug/L	99
61) Bromoform	10.29	173	9345	11.650	ug/L #	96
62) 1,3-Dichlorobenzene	11.74	146	26323	11.895	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	26050	11.653	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	26118	11.811	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4893	10.574	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	18186	11.406	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	14581	9.791	ug/L	100
69) Naphthalene	14.08	128	39954	7.836	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	14569	9.857	ug/L	99

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

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