

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038334.D
 Acq On : 28 May 2020 09:23
 Operator : JC/MD
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00535

Quant Time: May 28 10:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 10:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	498233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	482405	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231041	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17900	4.08	ug/L	0.00
7) Chloroethane-d5	1.93	69	14559	4.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	35166	4.91	ug/L	0.00
21) 2-Butanone-d5	4.66	46	30694	8.96	ug/L	0.00
24) Chloroform-d	5.11	84	32000	4.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	24505	5.20	ug/L	0.00
32) Benzene-d6	5.76	84	71433	5.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	21847	4.63	ug/L	0.00
41) Toluene-d8	7.93	98	59661	4.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	9852	4.46	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	19085	9.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	30176	4.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	24491	5.07	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	17231	4.45	ug/L	96
3) Chloromethane	1.54	50	15873	3.23	ug/L	100
5) Vinyl chloride	1.62	62	16741	3.35	ug/L	90
6) Bromomethane	1.87	94	5874	2.47	ug/L	90
8) Chloroethane	1.95	64	10774	3.59	ug/L	94
9) Trichlorofluoromethane	2.16	101	22613	4.36	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	14412	4.52	ug/L	95
12) 1,1-Dichloroethene	2.61	96	13402	4.11	ug/L	83
13) Acetone	2.65	43	27521	12.47	ug/L	95
14) Carbon disulfide	2.82	76	44521	4.12	ug/L	99
15) Methyl Acetate	2.98	43	18682	3.89	ug/L	97
16) Methylene chloride	3.08	84	15315	3.98	ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	14062	3.99	ug/L	96
18) Methyl tert-butyl Ether	3.40	73	40202	3.43	ug/L	100
19) 1,1-Dichloroethane	3.91	63	25896	3.69	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	14819	3.80	ug/L	93
22) 2-Butanone	4.74	43	31464	8.81	ug/L	99
23) Bromochloromethane	5.01	128	7746	4.23	ug/L	85
25) Chloroform	5.13	83	30277	4.49	ug/L	98
27) 1,2-Dichloroethane	5.83	62	22611	4.06	ug/L	99
29) Cyclohexane	5.42	56	23312	3.70	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	22386	4.17	ug/L	98
31) Carbon tetrachloride	5.56	117	18262	4.31	ug/L	99
33) Benzene	5.81	78	57056	3.78	ug/L	100
34) Trichloroethene	6.57	95	15520	4.24	ug/L	99
35) Methylcyclohexane	6.80	83	22634	3.68	ug/L	98
37) 1,2-Dichloropropane	6.82	63	14825	3.68	ug/L	# 97
38) Bromodichloromethane	7.13	83	18258	3.73	ug/L	95
39) cis-1,3-Dichloropropene	7.64	75	22898	3.70	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	42319	6.48	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	58491	3.69	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	19549	3.39	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	13929	3.81	ug/L	98
46) Tetrachloroethene	8.58	164	10928	4.09	ug/L	95
48) 2-Hexanone	8.71	43	35752	6.64	ug/L	97
49) Dibromochloromethane	8.84	129	12887	3.66	ug/L	92
50) 1,2-Dibromoethane	8.95	107	14737	3.76	ug/L	98
51) Chlorobenzene	9.47	112	39335	3.99	ug/L	97
52) Ethylbenzene	9.59	91	63969	3.64	ug/L	99
53) m,p-Xylene	9.72	106	23424	3.51	ug/L	97
54) o-xylene	10.12	106	23314	3.55	ug/L	98
55) Styrene	10.13	104	36856	3.30	ug/L	95
56) Isopropylbenzene	10.50	105	59600	3.53	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	23000	3.53	ug/L	94
59) 1,2,3-Trichloropropane	10.84	75	20060	3.59	ug/L	100
61) Bromoform	10.31	173	8944	3.62	ug/L #	99
62) 1,3-Dichlorobenzene	11.76	146	29084	3.93	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	30076	4.02	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	28599	3.83	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	5079	3.26	ug/L	97
67) 1,3,5-Trichlorobenzene	13.25	180	19533	3.87	ug/L	97
68) 1,2,4-trichlorobenzene	13.88	180	17735	3.67	ug/L	99
69) Naphthalene	14.13	128	53079	2.86	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	16630	3.50	ug/L	96

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

