

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038335.D
 Acq On : 28 May 2020 09:45
 Operator : JC/MD
 Sample : VSTD01036
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01036

Quant Time: May 28 10:46:25 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	669585	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	650460	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	321033	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37340	6.34	ug/L	0.00
7) Chloroethane-d5	1.93	69	30418	6.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	80371	8.34	ug/L	0.00
21) 2-Butanone-d5	4.66	46	72642	15.78	ug/L	0.00
24) Chloroform-d	5.10	84	75019	8.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	53722	8.48	ug/L	0.00
32) Benzene-d6	5.76	84	153958	8.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	47148	7.42	ug/L	0.00
41) Toluene-d8	7.92	98	136182	7.74	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	22604	7.58	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	48162	17.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	68734	7.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	55810	8.31	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	52353	10.05	ug/L	99
3) Chloromethane	1.53	50	47646	7.22	ug/L	98
5) Vinyl chloride	1.62	62	51796	7.72	ug/L	96
6) Bromomethane	1.87	94	20247	6.34	ug/L	99
8) Chloroethane	1.95	64	33741	8.36	ug/L	96
9) Trichlorofluoromethane	2.16	101	72506	10.40	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	43043	10.04	ug/L	98
12) 1,1-Dichloroethene	2.61	96	42443	9.68	ug/L	96
13) Acetone	2.65	43	75731	25.54	ug/L	99
14) Carbon disulfide	2.82	76	134795	9.28	ug/L	98
15) Methyl Acetate	2.98	43	62784	9.73	ug/L	99
16) Methylene chloride	3.08	84	48593	9.40	ug/L	93
17) trans-1,2-Dichloroethene	3.39	96	44560	9.41	ug/L	96
18) Methyl tert-butyl Ether	3.40	73	140029	8.89	ug/L	99
19) 1,1-Dichloroethane	3.91	63	86394	9.16	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	48633	9.29	ug/L	97
22) 2-Butanone	4.74	43	97637	20.35	ug/L	100
23) Bromochloromethane	5.01	128	24471	9.94	ug/L	96
25) Chloroform	5.13	83	87545	9.67	ug/L	97
27) 1,2-Dichloroethane	5.83	62	72082	9.63	ug/L	98
29) Cyclohexane	5.42	56	77437	9.11	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	72758	10.06	ug/L	96
31) Carbon tetrachloride	5.56	117	61051	10.70	ug/L	99
33) Benzene	5.81	78	191721	9.43	ug/L	100
34) Trichloroethene	6.57	95	49500	10.04	ug/L	97
35) Methylcyclohexane	6.79	83	74652	9.01	ug/L	99
37) 1,2-Dichloropropane	6.82	63	48466	8.91	ug/L	100
38) Bromodichloromethane	7.13	83	61187	9.27	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	73073	8.77	ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	145195	16.48	ug/L	99

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42) Toluene	7.99	91	197020	9.22	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	67330	8.65	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	45787	9.30	ug/L	98
46) Tetrachloroethene	8.57	164	36647	10.18	ug/L	99
48) 2-Hexanone	8.70	43	125743	17.32	ug/L	99
49) Dibromochloromethane	8.83	129	45127	9.50	ug/L	98
50) 1,2-Dibromoethane	8.94	107	48066	9.09	ug/L	97
51) Chlorobenzene	9.47	112	128542	9.66	ug/L	99
52) Ethylbenzene	9.59	91	216424	9.14	ug/L	97
53) m,p-Xylene	9.71	106	83385	9.27	ug/L	98
54) o-xylene	10.12	106	79631	8.99	ug/L	99
55) Styrene	10.13	104	136690	9.09	ug/L	97
56) Isopropylbenzene	10.50	105	210334	9.23	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	75418	8.58	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	67990	9.02	ug/L	98
61) Bromoform	10.31	173	30992	9.03	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	97933	9.53	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	98994	9.53	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	98333	9.48	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	19055	8.80	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	66980	9.56	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	64078	9.54	ug/L	98
69) Naphthalene	14.11	128	217912	8.46	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	64628	9.78	ug/L	99

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

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