

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038336.D
 Acq On : 28 May 2020 10:07
 Operator : JC/MD
 Sample : VSTD05031
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05031

Quant Time: May 28 10:42:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 09:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	613693	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	603922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	306962	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	190334	35.26	ug/L	0.00
7) Chloroethane-d5	1.93	69	150093	34.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	391177	44.30	ug/L	0.00
21) 2-Butanone-d5	4.66	46	370624	87.85	ug/L	0.00
24) Chloroform-d	5.10	84	391982	46.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	255140	43.94	ug/L	0.00
32) Benzene-d6	5.76	84	786389	44.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	243849	41.32	ug/L	0.00
41) Toluene-d8	7.92	98	706206	43.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	122049	44.10	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	261363	101.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	356332	41.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	274622	42.79	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	238847	50.02	ug/L	99
3) Chloromethane	1.53	50	218164	36.05	ug/L	99
5) Vinyl chloride	1.62	62	243945	39.67	ug/L	100
6) Bromomethane	1.87	94	101808	34.76	ug/L	98
8) Chloroethane	1.95	64	148327	40.11	ug/L	99
9) Trichlorofluoromethane	2.16	101	327185	51.20	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	191009	48.63	ug/L	95
12) 1,1-Dichloroethene	2.61	96	190982	47.52	ug/L	95
13) Acetone	2.66	43	304132	111.92	ug/L	99
14) Carbon disulfide	2.82	76	622546	46.76	ug/L	99
15) Methyl Acetate	2.98	43	284476	48.08	ug/L	99
16) Methylene chloride	3.08	84	222269	46.91	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	209327	48.24	ug/L	96
18) Methyl tert-butyl Ether	3.40	73	686845	47.57	ug/L	98
19) 1,1-Dichloroethane	3.91	63	397451	45.98	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	232751	48.51	ug/L	99
22) 2-Butanone	4.75	43	442086	100.52	ug/L	98
23) Bromochloromethane	5.01	128	113644	50.35	ug/L	89
25) Chloroform	5.13	83	401042	48.33	ug/L	100
27) 1,2-Dichloroethane	5.83	62	333193	48.56	ug/L	100
29) Cyclohexane	5.42	56	359748	45.59	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	343349	51.15	ug/L	97
31) Carbon tetrachloride	5.56	117	286309	54.03	ug/L	100
33) Benzene	5.81	78	900467	47.70	ug/L	100
34) Trichloroethene	6.57	95	224727	49.09	ug/L	97
35) Methylcyclohexane	6.79	83	353362	45.95	ug/L	98
37) 1,2-Dichloropropane	6.82	63	232973	46.16	ug/L	98
38) Bromodichloromethane	7.13	83	299159	48.81	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	365735	47.27	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	746307	91.25	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	944709	47.63	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	350147	48.47	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	221757	48.51	ug/L	98
46) Tetrachloroethene	8.57	164	164222	49.13	ug/L	98
48) 2-Hexanone	8.71	43	623312	92.48	ug/L	99
49) Dibromochloromethane	8.83	129	223241	50.63	ug/L	99
50) 1,2-Dibromoethane	8.94	107	240231	48.92	ug/L #	100
51) Chlorobenzene	9.47	112	590413	47.81	ug/L	99
52) Ethylbenzene	9.59	91	1045813	47.56	ug/L	99
53) m,p-Xylene	9.71	106	406610	48.70	ug/L	97
54) o-xylene	10.12	106	391430	47.62	ug/L	98
55) Styrene	10.13	104	682375	48.88	ug/L	100
56) Isopropylbenzene	10.50	105	1016895	48.05	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	373675	45.79	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	318733	45.54	ug/L	99
61) Bromoform	10.31	173	160797	48.99	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	456331	46.43	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	466555	46.98	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	455434	45.94	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	95073	45.94	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	332196	49.58	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	316369	49.26	ug/L	98
69) Naphthalene	14.11	128	1204008	48.87	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	326272	51.62	ug/L	99

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

