

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037413.D
 Acq On : 28 Mar 2020 11:40
 Operator : JC/MD
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Quant Time: Mar 28 12:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 28 11:41:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	123412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	118520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86716	10.62	ug/L	0.00
7) Chloroethane-d5	1.93	69	61636	9.17	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	172060	10.73	ug/L	0.00
20) 2-Butanone-d5	4.68	46	242920	125.08	ug/L	0.00
24) Chloroform-d	5.10	84	172244	10.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	92787	9.59	ug/L	0.00
32) Benzene-d6	5.76	84	331063	11.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	105028	11.58	ug/L	0.00
41) Toluene-d8	7.92	98	310022	10.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	49629	12.00	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	203786	131.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86562	11.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	116366	10.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	98219	7.172 ug/L	99
3) Chloromethane	1.53	50	85709	6.206 ug/L	100
5) Vinyl chloride	1.62	62	93121	7.616 ug/L	100
6) Bromomethane	1.87	94	49598	10.112 ug/L	100
8) Chloroethane	1.95	64	46372	6.842 ug/L	94
9) Trichlorofluoromethane	2.15	101	125231	6.741 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	76658	8.901 ug/L	97
12) 1,1-Dichloroethene	2.60	96	74782	9.374 ug/L	96
13) Acetone	2.67	43	133131	97.671 ug/L	98
14) Carbon disulfide	2.82	76	263239	9.568 ug/L	100
15) Methyl Acetate	2.99	43	35232	9.793 ug/L	99
16) Methylene chloride	3.08	84	81474	9.249 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	210386	9.975 ug/L	100
18) trans-1,2-Dichloroethene	3.38	96	82554	9.740 ug/L	95
19) 1,1-Dichloroethane	3.91	63	152334	9.354 ug/L	95
21) 2-Butanone	4.75	43	233179	101.008 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	88538	9.580 ug/L	96
23) Bromochloromethane	5.02	128	39659	9.341 ug/L	97
25) Chloroform	5.13	83	155182	8.567 ug/L	100
27) 1,2-Dichloroethane	5.83	62	105712	8.570 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	141365	8.924 ug/L	98
30) Cyclohexane	5.42	56	146370	10.875 ug/L	100
31) Carbon tetrachloride	5.56	117	124683	9.077 ug/L	100
33) Benzene	5.81	78	335110	9.893 ug/L	100
34) Trichloroethene	6.57	95	91575	9.835 ug/L	97
35) Methylcyclohexane	6.79	83	147451	10.690 ug/L	99
37) 1,2-Dichloropropane	6.82	63	88590	9.983 ug/L	100
38) Bromodichloromethane	7.13	83	120804	9.922 ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	143804	10.938 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	564054	101.379 ug/L	99

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42) Toluene	8.00	91	363342	9.913	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	127253	10.591	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	63765	9.995	ug/L	94
47) Tetrachloroethene	8.57	164	66775	8.868	ug/L	97
48) 2-Hexanone	8.71	43	412154	103.963	ug/L	99
49) Dibromochloromethane	8.83	129	81237	9.732	ug/L	96
50) 1,2-Dibromoethane	8.95	107	62856	10.034	ug/L	99
51) Chlorobenzene	9.47	112	229925	9.681	ug/L	98
52) Ethylbenzene	9.59	91	413329	10.102	ug/L	99
53) m,p-Xylene	9.71	106	158765	10.635	ug/L	98
54) o-Xylene	10.12	106	154811	10.616	ug/L	94
55) Styrene	10.13	104	261786	10.771	ug/L	99
56) Isopropylbenzene	10.50	105	408929	10.165	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	80717	10.066	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	59313	9.969	ug/L	96
61) Bromoform	10.31	173	50581	9.754	ug/L	95
62) 1,3-Dichlorobenzene	11.76	146	187223	9.528	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	188717	9.503	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	177088	9.382	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16656	11.475	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	146587	10.074	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	137525	12.901	ug/L	99
69) Naphthalene	14.11	128	271991	18.589	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	125336	12.436	ug/L	99

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

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