

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037493.D
 Acq On : 31 Mar 2020 11:24
 Operator : JC/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.503

Manual Integrations
 APPROVED

apatel
 4/1/2020 7:27:23 PM

Quant Time: Mar 31 12:44:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 12:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	105733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	100727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	3690	0.47	ug/L	0.00
7) Chloroethane-d5	1.93	69	3794	0.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	7347	0.48	ug/L	0.00
20) 2-Butanone-d5	4.69	46	11393	5.36	ug/L	0.00
24) Chloroform-d	5.11	84	6887	0.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	4169	0.49	ug/L	0.00
32) Benzene-d6	5.76	84	14090	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	4154	0.43	ug/L	0.00
41) Toluene-d8	7.92	98	12845	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	2054	0.45	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	9468	5.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	3652	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	4355	0.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	4343	0.490 ug/L	89
3) Chloromethane	1.53	50	4301	0.547 ug/L	89
5) Vinyl chloride	1.62	62	4745	0.573 ug/L	98
6) Bromomethane	1.88	94	2547	0.546 ug/L	90
8) Chloroethane	1.95	64	2840	0.615 ug/L	94
9) Trichlorofluoromethane	2.16	101	6449	0.582 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	3682	0.545 ug/L	95
12) 1,1-Dichloroethene	2.61	96	4028	0.579 ug/L	79
13) Acetone	2.70	43	7589	6.209 ug/L	99
14) Carbon disulfide	2.82	76	12730	0.535 ug/L	98
15) Methyl Acetate	2.99	43	2222m	0.651 ug/L	
16) Methylene chloride	3.08	84	4515	0.581 ug/L	88
17) Methyl tert-butyl Ether	3.41	73	10921	0.577 ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	4017	0.552 ug/L	93
19) 1,1-Dichloroethane	3.91	63	7707	0.567 ug/L	96
21) 2-Butanone	4.76	43	13174	6.340 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	4533	0.556 ug/L	96
23) Bromochloromethane	5.02	128	1838	0.511 ug/L	89
25) Chloroform	5.13	83	8017	0.561 ug/L	94
27) 1,2-Dichloroethane	5.84	62	5250	0.550 ug/L #	93
29) 1,1,1-Trichloroethane	5.36	97	6923	0.547 ug/L	98
30) Cyclohexane	5.43	56	7344	0.566 ug/L	94
31) Carbon tetrachloride	5.56	117	5739	0.525 ug/L	96
33) Benzene	5.81	78	16954	0.568 ug/L	100
34) Trichloroethene	6.57	95	4590	0.540 ug/L	90
35) Methylcyclohexane	6.79	83	7173	0.533 ug/L	95
37) 1,2-Dichloropropane	6.82	63	4356	0.565 ug/L #	89
38) Bromodichloromethane	7.14	83	5958	0.565 ug/L	91
39) cis-1,3-Dichloropropene	7.64	75	6878	0.547 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	34939	6.806 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.00	91	17395	0.541	ug/L	94
44) trans-1,3-Dichloropropene	8.23	75	6095	0.542	ug/L	86
45) 1,1,2-Trichloroethane	8.43	97	3255	0.564	ug/L	92
47) Tetrachloroethene	8.57	164	2954	0.505	ug/L	95
48) 2-Hexanone	8.71	43	24941	6.740	ug/L	99
49) Dibromochloromethane	8.83	129	3872	0.544	ug/L	88
50) 1,2-Dibromoethane	8.95	107	3298	0.589	ug/L #	99
51) Chlorobenzene	9.47	112	11159	0.502	ug/L	96
52) Ethylbenzene	9.59	91	21059	0.571	ug/L	99
53) m,p-Xylene	9.71	106	8073	0.579	ug/L	93
54) o-Xylene	10.12	106	6969	0.512	ug/L	90
55) Styrene	10.13	104	12430	0.535	ug/L	94
56) Isopropylbenzene	10.50	105	19032	0.525	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	4177	0.567	ug/L #	89
59) 1,2,3-Trichloropropane	10.84	75	3061	0.571	ug/L	100
61) Bromoform	10.31	173	2325	0.590	ug/L #	92
62) 1,3-Dichlorobenzene	11.76	146	8749	0.574	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	8926	0.549	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	8030	0.546	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	737	0.570	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	5787	0.490	ug/L	96
68) 1,2,4-trichlorobenzene	13.87	180	6206	0.545	ug/L	91
69) Naphthalene	14.12	128	13856	0.627	ug/L	98
70) 1,2,3-Trichlorobenzene	14.37	180	5052	0.493	ug/L	95

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

