

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037523.D
 Acq On : 01 Apr 2020 14:13
 Operator : JC/MD
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Apr 01 15:06:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 15:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	86565	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	80849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40992	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	7701	1.20	ug/L	0.00
7) Chloroethane-d5	1.93	69	6110	1.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	13175	1.06	ug/L	0.00
20) 2-Butanone-d5	4.67	46	20141	10.34	ug/L	0.00
24) Chloroform-d	5.11	84	12794	1.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	7098	1.05	ug/L	0.00
32) Benzene-d6	5.76	84	26331	1.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	8594	1.11	ug/L	0.00
41) Toluene-d8	7.92	98	23932	1.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	3655	1.05	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	19052	11.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	7308	1.14	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	8717	1.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6716	1.014 ug/L	97
3) Chloromethane	1.53	50	6831	1.025 ug/L	89
5) Vinyl chloride	1.62	62	7040	0.987 ug/L	97
6) Bromomethane	1.87	94	3601	0.999 ug/L	91
8) Chloroethane	1.95	64	4746	1.175 ug/L	97
9) Trichlorofluoromethane	2.16	101	10303	1.036 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	5302	0.912 ug/L #	86
12) 1,1-Dichloroethene	2.61	96	5463	0.940 ug/L	91
13) Acetone	2.66	43	10920	9.952 ug/L	97
14) Carbon disulfide	2.82	76	18581	0.964 ug/L	98
15) Methyl Acetate	2.99	43	3561	1.174 ug/L	93
16) Methylene chloride	3.08	84	7170	1.097 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	16254	1.013 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	6257	1.027 ug/L	98
19) 1,1-Dichloroethane	3.91	63	11746	1.022 ug/L	93
21) 2-Butanone	4.75	43	18775	9.674 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	6943	1.025 ug/L	92
23) Bromochloromethane	5.01	128	2985	1.066 ug/L	91
25) Chloroform	5.13	83	12540	1.073 ug/L	96
27) 1,2-Dichloroethane	5.83	62	7765	0.989 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	10433	1.016 ug/L	97
30) Cyclohexane	5.42	56	11368	1.025 ug/L	99
31) Carbon tetrachloride	5.56	117	8459	0.996 ug/L	98
33) Benzene	5.81	78	26059	1.032 ug/L	100
34) Trichloroethene	6.57	95	6745	1.011 ug/L	97
35) Methylcyclohexane	6.79	83	11456	1.037 ug/L	99
37) 1,2-Dichloropropane	6.82	63	6980	1.038 ug/L #	94
38) Bromodichloromethane	7.13	83	9196	1.051 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	10671	1.033 ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	49486	10.044 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	27504	1.033	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	8963	0.972	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	4821	1.013	ug/L	94
47) Tetrachloroethene	8.57	164	4360	0.983	ug/L	95
48) 2-Hexanone	8.71	43	36063	10.140	ug/L	98
49) Dibromochloromethane	8.83	129	5999	1.037	ug/L	98
50) 1,2-Dibromoethane	8.95	107	5075	1.078	ug/L #	92
51) Chlorobenzene	9.47	112	17261	1.044	ug/L	96
52) Ethylbenzene	9.59	91	30963	1.004	ug/L	97
53) m,p-Xylene	9.71	106	11720	1.022	ug/L	97
54) o-Xylene	10.12	106	11675	1.071	ug/L	97
55) Styrene	10.13	104	19648	1.036	ug/L	93
56) Isopropylbenzene	10.50	105	30491	1.035	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	6511	1.013	ug/L #	99
59) 1,2,3-Trichloropropane	10.84	75	4518	0.987	ug/L	97
61) Bromoform	10.31	173	3289	0.953	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	13361	0.975	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	14340	1.041	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	12915	1.012	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	1307	0.994	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.24	180	9622	1.009	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	9829	1.066	ug/L	93
69) Naphthalene	14.12	128	20671	0.993	ug/L	98
70) 1,2,3-Trichlorobenzene	14.37	180	8034	0.996	ug/L	97

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

