

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037697.D
 Acq On : 14 Apr 2020 12:52
 Operator : JC/MD
 Sample : VSTD02003
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02003

Quant Time: Apr 14 14:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 14 13:56:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	321206	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	512799	19.14	ug/L	0.00
7) Chloroethane-d5	1.92	69	428920	20.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	884108	18.68	ug/L	0.00
20) 2-Butanone-d5	4.66	46	1408381	193.66	ug/L	0.00
24) Chloroform-d	5.10	84	821116	18.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	458658	18.34	ug/L	0.00
32) Benzene-d6	5.76	84	1743828	18.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	573460	18.57	ug/L	0.00
41) Toluene-d8	7.92	98	1582596	18.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	255367	18.56	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	1359223	199.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	470213	18.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	575782	18.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	550273	21.469 ug/L	99
3) Chloromethane	1.54	50	666024	24.254 ug/L	100
5) Vinyl chloride	1.62	62	667252	24.206 ug/L	99
6) Bromomethane	1.86	94	372737	27.337 ug/L	99
8) Chloroethane	1.94	64	391244	23.034 ug/L	99
9) Trichlorofluoromethane	2.15	101	700209	18.299 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	424664	19.426 ug/L	99
12) 1,1-Dichloroethene	2.60	96	432051	20.219 ug/L	95
13) Acetone	2.65	43	824572	196.474 ug/L	98
14) Carbon disulfide	2.82	76	1562842	21.706 ug/L	100
15) Methyl Acetate	2.98	43	237096	19.082 ug/L	99
16) Methylene chloride	3.08	84	484820	19.384 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	1264019	20.831 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	468895	20.110 ug/L	99
19) 1,1-Dichloroethane	3.91	63	914409	20.789 ug/L	99
21) 2-Butanone	4.74	43	1568812	211.069 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	508962	20.072 ug/L	100
23) Bromochloromethane	5.01	128	215157	19.527 ug/L	98
25) Chloroform	5.13	83	853119	19.102 ug/L	99
27) 1,2-Dichloroethane	5.83	62	580723	20.113 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	724044	18.289 ug/L	99
30) Cyclohexane	5.42	56	895130	20.133 ug/L	99
31) Carbon tetrachloride	5.56	117	583889	18.278 ug/L	99
33) Benzene	5.81	78	1973410	19.853 ug/L	100
34) Trichloroethene	6.57	95	484578	18.617 ug/L	98
35) Methylcyclohexane	6.79	83	871685	19.852 ug/L	99
37) 1,2-Dichloropropane	6.82	63	526542	19.721 ug/L	100
38) Bromodichloromethane	7.13	83	636504	18.800 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	833017	20.156 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	3980144	210.765 ug/L	100

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42) Toluene	7.99	91	2063173	19.557	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	721058	20.086	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	352843	19.021	ug/L	99
47) Tetrachloroethene	8.57	164	349741	20.409	ug/L	98
48) 2-Hexanone	8.71	43	2826033	207.209	ug/L	100
49) Dibromochloromethane	8.83	129	412502	18.785	ug/L	98
50) 1,2-Dibromoethane	8.95	107	342908	19.031	ug/L #	99
51) Chlorobenzene	9.47	112	1277248	19.657	ug/L	99
52) Ethylbenzene	9.59	91	2342021	19.567	ug/L	98
53) m,p-Xylene	9.71	106	884131	19.624	ug/L	99
54) o-Xylene	10.12	106	865039	19.937	ug/L	99
55) Styrene	10.13	104	1517366	20.241	ug/L	100
56) Isopropylbenzene	10.50	105	2286978	19.343	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	476315	19.124	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	348931	19.959	ug/L	100
61) Bromoform	10.31	173	249278	19.365	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	1011371	19.393	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1014723	19.126	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	950761	19.025	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	88940	18.660	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	775075	20.366	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	707967	20.090	ug/L	99
69) Naphthalene	14.11	128	1427668	18.522	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	625343	19.912	ug/L	100

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

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