

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038940.D
 Acq On : 17 Jun 2020 12:37
 Operator : SY/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Jun 17 12:56:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 12:20:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	304799	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	389257	25.65	ug/L	0.00
7) Chloroethane-d5	1.93	69	316308	21.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	839705	22.80	ug/L	0.00
20) 2-Butanone-d5	4.69	46	1398928	254.50	ug/L	0.00
24) Chloroform-d	5.10	84	806709	21.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	452332	21.39	ug/L	0.00
32) Benzene-d6	5.76	84	1562014	23.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	471166	22.57	ug/L	0.00
41) Toluene-d8	7.92	98	1418446	22.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	229314	24.84	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	1366497	300.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	475534	24.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	591455	21.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	548413	18.486	ug/L 100
3) Chloromethane	1.53	50	502260	20.295	ug/L 100
5) Vinyl chloride	1.62	62	526838	20.180	ug/L 99
6) Bromomethane	1.88	94	311214	19.410	ug/L 95
8) Chloroethane	1.95	64	298744	15.391	ug/L 98
9) Trichlorofluoromethane	2.16	101	884274	19.500	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	426435	18.959	ug/L 100
12) 1,1-Dichloroethene	2.60	96	409297	19.003	ug/L 90
13) Acetone	2.70	43	867456	192.849	ug/L 99
14) Carbon disulfide	2.82	76	1383718	19.351	ug/L 100
15) Methyl Acetate	2.99	43	217449	19.817	ug/L 94
16) Methylene chloride	3.08	84	440146	17.772	ug/L 97
17) Methyl tert-butyl Ether	3.40	73	1147448	20.877	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	439128	19.245	ug/L 96
19) 1,1-Dichloroethane	3.91	63	781004	18.668	ug/L 99
21) 2-Butanone	4.77	43	1513502	206.983	ug/L 96
22) cis-1,2-Dichloroethene	4.71	96	461913	19.356	ug/L 97
23) Bromochloromethane	5.02	128	212012	18.765	ug/L 97
25) Chloroform	5.13	83	795460	18.245	ug/L 99
27) 1,2-Dichloroethane	5.83	62	572418	18.497	ug/L 100
29) 1,1,1-Trichloroethane	5.35	97	724855	19.448	ug/L 100
30) Cyclohexane	5.42	56	744000	22.161	ug/L 99
31) Carbon tetrachloride	5.56	117	622997	19.640	ug/L 100
33) Benzene	5.81	78	1764156	19.741	ug/L 100
34) Trichloroethene	6.57	95	447008	19.155	ug/L 99
35) Methylcyclohexane	6.79	83	777671	22.368	ug/L 98
37) 1,2-Dichloropropane	6.82	63	449528	19.494	ug/L 99
38) Bromodichloromethane	7.13	83	591009	19.490	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	720652	21.850	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	3452130	219.458	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	1896767	20.137	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	665611	22.065	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	343716	19.498	ug/L	99
47) Tetrachloroethene	8.57	164	349917	19.564	ug/L	97
48) 2-Hexanone	8.71	43	2655097	212.916	ug/L	99
49) Dibromochloromethane	8.83	129	416223	20.350	ug/L	99
50) 1,2-Dibromoethane	8.94	107	346785	20.296	ug/L	99
51) Chlorobenzene	9.47	112	1190981	19.430	ug/L	99
52) Ethylbenzene	9.59	91	2179323	20.794	ug/L	100
53) m,p-Xylene	9.71	106	828368	21.034	ug/L	100
54) o-Xylene	10.11	106	797605	21.051	ug/L	97
55) Styrene	10.13	104	1419115	21.562	ug/L	99
56) Isopropylbenzene	10.50	105	2149975	21.850	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	483978	21.415	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	352333	19.826	ug/L	99
61) Bromoform	10.31	173	256959	20.487	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	1000228	19.281	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1017288	19.358	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	977957	18.970	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	93066	20.387	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	784232	20.064	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	748246	22.854	ug/L	99
69) Naphthalene	14.11	128	1561890	25.373	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	691956	22.587	ug/L	99

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

