

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038938.D
 Acq On : 17 Jun 2020 11:51
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Jun 17 12:19:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 11:08:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297109	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	287796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	151134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100927	6.82	ug/L	0.00
7) Chloroethane-d5	1.93	69	83657	5.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	198251	5.52	ug/L	0.00
20) 2-Butanone-d5	4.69	46	311582	58.15	ug/L	0.00
24) Chloroform-d	5.10	84	193013	5.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	108113	5.25	ug/L	0.00
32) Benzene-d6	5.76	84	363632	5.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	110795	5.55	ug/L	0.00
41) Toluene-d8	7.92	98	328876	5.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	51129	5.79	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	281544	64.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102893	5.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	130292	5.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131961	4.563	ug/L 99
3) Chloromethane	1.53	50	133329	5.527	ug/L 99
5) Vinyl chloride	1.62	62	136340	5.357	ug/L 98
6) Bromomethane	1.88	94	80114	5.126	ug/L 95
8) Chloroethane	1.95	64	85870	4.539	ug/L 99
9) Trichlorofluoromethane	2.16	101	197406	4.466	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100217	4.571	ug/L 99
12) 1,1-Dichloroethene	2.61	96	100658	4.794	ug/L 97
13) Acetone	2.70	43	202746	46.240	ug/L 99
14) Carbon disulfide	2.82	76	326727	4.687	ug/L 99
15) Methyl Acetate	3.00	43	44734	4.182	ug/L 94
16) Methylene chloride	3.08	84	108605	4.499	ug/L 94
17) Methyl tert-butyl Ether	3.40	73	256251	4.783	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	102900	4.626	ug/L 97
19) 1,1-Dichloroethane	3.91	63	186484	4.573	ug/L 97
21) 2-Butanone	4.77	43	343768	48.230	ug/L 95
22) cis-1,2-Dichloroethene	4.71	96	107983	4.642	ug/L 96
23) Bromochloromethane	5.02	128	49961	4.537	ug/L 96
25) Chloroform	5.12	83	193754	4.559	ug/L 99
27) 1,2-Dichloroethane	5.83	62	138012	4.575	ug/L 98
29) 1,1,1-Trichloroethane	5.35	97	174529	4.896	ug/L 99
30) Cyclohexane	5.42	56	160703	5.004	ug/L 100
31) Carbon tetrachloride	5.56	117	148884	4.907	ug/L 99
33) Benzene	5.81	78	421273	4.928	ug/L 100
34) Trichloroethene	6.57	95	106291	4.762	ug/L 99
35) Methylcyclohexane	6.79	83	165492	4.977	ug/L 98
37) 1,2-Dichloropropane	6.82	63	108320	4.911	ug/L 100
38) Bromodichloromethane	7.13	83	141683	4.885	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	160850	5.099	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	769944	51.173	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	443076	4.918	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	148118	5.134	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	81773	4.850	ug/L	98
47) Tetrachloroethene	8.57	164	79887	4.670	ug/L	96
48) 2-Hexanone	8.71	43	583525	48.922	ug/L	99
49) Dibromochloromethane	8.83	129	96847	4.950	ug/L	97
50) 1,2-Dibromoethane	8.94	107	78913	4.829	ug/L	96
51) Chlorobenzene	9.47	112	278195	4.745	ug/L	98
52) Ethylbenzene	9.59	91	471682	4.705	ug/L	99
53) m,p-Xylene	9.71	106	185417	4.922	ug/L	100
54) o-Xylene	10.11	106	177676	4.903	ug/L	97
55) Styrene	10.13	104	310511	4.933	ug/L	100
56) Isopropylbenzene	10.50	105	467819	4.971	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	107799	4.987	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	89100	5.242	ug/L	99
61) Bromoform	10.31	173	58032	5.038	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	225323	4.729	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	229550	4.756	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	217057	4.584	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	22589	5.388	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	183648	5.116	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	158140	5.259	ug/L	100
69) Naphthalene	14.11	128	306209	5.416	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	151320	5.378	ug/L	99

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

