

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036726.D
 Acq On : 11 Feb 2020 16:42
 Operator : JC/MD
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Feb 12 07:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 12 07:32:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	123407	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	115879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51024	5.49	ug/L	0.00
7) Chloroethane-d5	1.93	69	45969	5.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	86254	5.18	ug/L	0.00
20) 2-Butanone-d5	4.68	46	115642	50.46	ug/L	0.00
24) Chloroform-d	5.11	84	80457	4.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	45491	4.75	ug/L	0.00
32) Benzene-d6	5.77	84	174970	5.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	54211	4.98	ug/L	0.00
41) Toluene-d8	7.93	98	161961	5.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	21300	4.35	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	98903	46.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42548	4.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	52116	4.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	39973	4.161	ug/L 100
3) Chloromethane	1.54	50	40480	4.345	ug/L 100
5) Vinyl chloride	1.62	62	48965	4.760	ug/L 100
6) Bromomethane	1.87	94	28632	4.801	ug/L 100
8) Chloroethane	1.95	64	31198	5.024	ug/L 100
9) Trichlorofluoromethane	2.16	101	63582	4.432	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	40140	5.190	ug/L 100
12) 1,1-Dichloroethene	2.61	96	36173	4.811	ug/L 100
13) Acetone	2.66	43	140833	78.566	ug/L 100
14) Carbon disulfide	2.82	76	85837	3.670	ug/L 100
15) Methyl Acetate	2.99	43	18150	5.380	ug/L 100
16) Methylene chloride	3.08	84	50180	5.081	ug/L 100
17) Methyl tert-butyl Ether	3.41	73	109778	5.000	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	38206	4.604	ug/L 100
19) 1,1-Dichloroethane	3.92	63	81449	5.247	ug/L 100
21) 2-Butanone	4.76	43	163842	62.530	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	45933	4.816	ug/L 100
23) Bromochloromethane	5.02	128	18773	4.789	ug/L 100
25) Chloroform	5.13	83	82876	5.082	ug/L 100
27) 1,2-Dichloroethane	5.84	62	53150	4.959	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	61916	4.405	ug/L 100
30) Cyclohexane	5.43	56	65739	4.645	ug/L 100
31) Carbon tetrachloride	5.56	117	50484	4.253	ug/L 100
33) Benzene	5.82	78	172885	4.985	ug/L 100
34) Trichloroethene	6.58	95	43972	4.776	ug/L 100
35) Methylcyclohexane	6.80	83	71505	4.897	ug/L 100
37) 1,2-Dichloropropane	6.83	63	48009	5.328	ug/L 100
38) Bromodichloromethane	7.14	83	56726	4.674	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	70482	4.862	ug/L 100
40) 4-Methyl-2-pentanone	7.83	43	313006	49.740	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	186266	4.879	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	55118	4.652	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	33007	5.061	ug/L	100
47) Tetrachloroethene	8.58	164	29666	4.616	ug/L	100
48) 2-Hexanone	8.72	43	273053	58.773	ug/L	100
49) Dibromochloromethane	8.84	129	35005	4.215	ug/L	100
50) 1,2-Dibromoethane	8.95	107	29977	4.641	ug/L	100
51) Chlorobenzene	9.47	112	114375	4.834	ug/L	100
52) Ethylbenzene	9.60	91	208099	4.932	ug/L	100
53) m,p-Xylene	9.72	106	77967	4.818	ug/L	100
54) o-Xylene	10.13	106	77217	4.899	ug/L	100
55) Styrene	10.14	104	128342	4.807	ug/L	100
56) Isopropylbenzene	10.51	105	203856	4.881	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	43423	4.947	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	31441	5.064	ug/L	100
61) Bromoform	10.32	173	18228	3.991	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	87926	4.917	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	87828	4.959	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	85787	5.052	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	6801	4.515	ug/L	100
67) 1,3,5-Trichlorobenzene	13.23	180	64547	5.090	ug/L	100
68) 1,2,4-trichlorobenzene	13.85	180	49663	5.313	ug/L	100
69) Naphthalene	14.10	128	91206	5.488	ug/L	100
70) 1,2,3-Trichlorobenzene	14.34	180	45181	5.027	ug/L	100

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

