

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041383.D
 Acq On : 23 Nov 2020 12:42
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Nov 24 01:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:04:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80615	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78889	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40738	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26669	4.61	ug/L	0.00
7) Chloroethane-d5	1.92	69	18550	3.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	56263	4.67	ug/L	0.00
20) 2-Butanone-d5	4.64	46	69798	31.67	ug/L	0.00
24) Chloroform-d	5.08	84	56043	4.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	31192	3.90	ug/L	0.00
32) Benzene-d6	5.74	84	92498	4.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	30931	4.32	ug/L	0.00
41) Toluene-d8	7.91	98	93948	4.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	14037	4.58	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	47175	31.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25074	3.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	33007	4.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	40186	5.801	ug/L 100
3) Chloromethane	1.53	50	33154	4.669	ug/L 100
5) Vinyl chloride	1.61	62	34460	4.949	ug/L 100
6) Bromomethane	1.86	94	13783	3.556	ug/L 100
8) Chloroethane	1.94	64	18782	4.196	ug/L 100
9) Trichlorofluoromethane	2.14	101	55559	5.082	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	29895	5.082	ug/L 100
12) 1,1-Dichloroethene	2.59	96	25839	4.950	ug/L 100
13) Acetone	2.64	43	49779	33.326	ug/L 100
14) Carbon disulfide	2.80	76	88828	5.597	ug/L 100
15) Methyl Acetate	2.96	43	12490	3.973	ug/L 100
16) Methylene chloride	3.06	84	32531	4.938	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	64008	4.537	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	27001	5.224	ug/L 100
19) 1,1-Dichloroethane	3.89	63	53281	4.701	ug/L 100
21) 2-Butanone	4.72	43	78294	34.582	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	29066	5.085	ug/L 100
23) Bromochloromethane	4.99	128	13930	4.923	ug/L 100
25) Chloroform	5.11	83	58257	4.737	ug/L 100
27) 1,2-Dichloroethane	5.81	62	38915	4.486	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	51557	5.235	ug/L 100
30) Cyclohexane	5.40	56	45452	5.524	ug/L 100
31) Carbon tetrachloride	5.54	117	47223	5.515	ug/L 100
33) Benzene	5.79	78	108986	5.070	ug/L 100
34) Trichloroethene	6.55	95	30850	5.265	ug/L 100
35) Methylcyclohexane	6.77	83	45939	5.732	ug/L 100
37) 1,2-Dichloropropane	6.80	63	30963	4.979	ug/L 100
38) Bromodichloromethane	7.11	83	41693	5.073	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	43358	5.003	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	192621	39.733	ug/L 100

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42) Toluene	7.98	91	124208	5.406	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	40890	5.025	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	20538	4.394	ug/L	100
47) Tetrachloroethene	8.56	164	23194	5.370	ug/L	100
48) 2-Hexanone	8.69	43	139802	39.019	ug/L	100
49) Dibromochloromethane	8.81	129	26706	4.761	ug/L	100
50) 1,2-Dibromoethane	8.93	107	20194	4.628	ug/L	100
51) Chlorobenzene	9.45	112	77064	5.078	ug/L	100
52) Ethylbenzene	9.57	91	132189	5.338	ug/L	100
53) m,p-Xylene	9.69	106	49763	5.553	ug/L	100
54) o-Xylene	10.10	106	46007	5.362	ug/L	100
55) Styrene	10.11	104	80998	5.377	ug/L	100
56) Isopropylbenzene	10.48	105	127635	5.531	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	26592	4.274	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	19732	4.118	ug/L	100
61) Bromoform	10.29	173	14639	4.055	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	62248	5.072	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	61529	4.895	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	57566	4.810	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	4595	4.215	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	43219	4.990	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	34832	4.914	ug/L	100
69) Naphthalene	14.08	128	52848	4.623	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	32247	4.869	ug/L	100

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

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