

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041575.D
 Acq On : 12 Dec 2020 18:14
 Operator : SY/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Dec 13 09:49:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 09:47:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	155942	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	147749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	77946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62070	5.00	ug/L	0.00
7) Chloroethane-d5	1.92	69	48012	5.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	113092	5.00	ug/L	0.00
20) 2-Butanone-d5	4.65	46	179376	50.00	ug/L	0.00
24) Chloroform-d	5.08	84	105119	5.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	58489	5.00	ug/L	0.00
32) Benzene-d6	5.74	84	212477	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	66649	5.00	ug/L	0.00
41) Toluene-d8	7.91	98	195160	5.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	30482	5.00	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	168466	50.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	60157	5.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	67833	5.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	68553	5.000	ug/L 100
3) Chloromethane	1.53	50	67861	5.000	ug/L 100
5) Vinyl chloride	1.61	62	72579	5.000	ug/L 100
6) Bromomethane	1.87	94	45755	5.000	ug/L 100
8) Chloroethane	1.94	64	48841	5.000	ug/L 100
9) Trichlorofluoromethane	2.15	101	96078	5.000	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55728	5.000	ug/L 100
12) 1,1-Dichloroethene	2.59	96	54651	5.000	ug/L 100
13) Acetone	2.66	43	114677	50.000	ug/L 100
14) Carbon disulfide	2.81	76	191012	5.000	ug/L 100
15) Methyl Acetate	2.97	43	30729	5.000	ug/L 100
16) Methylene chloride	3.06	84	62506	5.000	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	148876	5.000	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	58305	5.000	ug/L 100
19) 1,1-Dichloroethane	3.89	63	105996	5.000	ug/L 100
21) 2-Butanone	4.73	43	193939	50.000	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	63088	5.000	ug/L 100
23) Bromochloromethane	4.99	128	29450	5.000	ug/L 100
25) Chloroform	5.11	83	109298	5.000	ug/L 100
27) 1,2-Dichloroethane	5.81	62	73483	5.000	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	89607	5.000	ug/L 100
30) Cyclohexane	5.40	56	101619	5.000	ug/L 100
31) Carbon tetrachloride	5.54	117	78282	5.000	ug/L 100
33) Benzene	5.79	78	251157	5.000	ug/L 100
34) Trichloroethene	6.55	95	63271	5.000	ug/L 100
35) Methylcyclohexane	6.77	83	101509	5.000	ug/L 100
37) 1,2-Dichloropropane	6.80	63	62324	5.000	ug/L 100
38) Bromodichloromethane	7.11	83	79154	5.000	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	96477	5.000	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	469265	50.000	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	265041	5.000	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	86534	5.000	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	49828	5.000	ug/L	100
47) Tetrachloroethene	8.56	164	44262	5.000	ug/L	100
48) 2-Hexanone	8.69	43	343873	50.000	ug/L	100
49) Dibromochloromethane	8.81	129	54594	5.000	ug/L	100
50) 1,2-Dibromoethane	8.93	107	47377	5.000	ug/L	100
51) Chlorobenzene	9.45	112	161950	5.000	ug/L	100
52) Ethylbenzene	9.57	91	284407	5.000	ug/L	100
53) m,p-Xylene	9.69	106	110763	5.000	ug/L	100
54) o-Xylene	10.10	106	104767	5.000	ug/L	100
55) Styrene	10.11	104	182544	5.000	ug/L	100
56) Isopropylbenzene	10.48	105	274032	5.000	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	65058	5.000	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	47804	5.000	ug/L	100
61) Bromoform	10.29	173	32124	5.000	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	125953	5.000	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	128344	5.000	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	121197	5.000	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	11819	5.000	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	96408	5.000	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	88855	5.000	ug/L	100
69) Naphthalene	14.07	128	176099	5.000	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	82852	5.000	ug/L	100

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

