

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120320\
 Data File : VU041455.D
 Acq On : 03 Dec 2020 17:31
 Operator : SY/MD
 Sample : VSTD02003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02003

Quant Time: Dec 04 01:54:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 04 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	70002	17.24	ug/L	0.00
7) Chloroethane-d5	1.92	69	59541	20.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	168585	20.73	ug/L	0.00
20) 2-Butanone-d5	4.65	46	259499	243.64	ug/L	0.00
24) Chloroform-d	5.08	84	183623	21.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	117751	22.85	ug/L	0.00
32) Benzene-d6	5.74	84	280931	20.22	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	82060	18.95	ug/L	0.00
41) Toluene-d8	7.91	98	281225	21.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	51678	25.12	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	215680	316.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	92827	25.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	127451	22.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131219	22.298	ug/L 98
3) Chloromethane	1.53	50	81390	17.161	ug/L 99
5) Vinyl chloride	1.61	62	92301	18.082	ug/L 99
6) Bromomethane	1.87	94	63519	29.340	ug/L 95
8) Chloroethane	1.94	64	55792	18.695	ug/L 97
9) Trichlorofluoromethane	2.15	101	211997	24.892	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	90140	21.594	ug/L 98
12) 1,1-Dichloroethene	2.59	96	77789	21.148	ug/L 95
13) Acetone	2.66	43	200154	265.357	ug/L 98
14) Carbon disulfide	2.81	76	208536	16.944	ug/L 99
15) Methyl Acetate	2.97	43	39675	23.744	ug/L 98
16) Methylene chloride	3.06	84	85239	16.385	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	257245	27.036	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	79522	20.083	ug/L 97
19) 1,1-Dichloroethane	3.89	63	158068	20.125	ug/L 95
21) 2-Butanone	4.73	43	275471	238.914	ug/L 98
22) cis-1,2-Dichloroethene	4.68	96	90488	21.240	ug/L 93
23) Bromochloromethane	4.99	128	45342	24.013	ug/L 94
25) Chloroform	5.11	83	184796	20.837	ug/L 96
27) 1,2-Dichloroethane	5.81	62	147428	24.982	ug/L 99
29) 1,1,1-Trichloroethane	5.33	97	184561	24.867	ug/L 99
30) Cyclohexane	5.40	56	119364	20.304	ug/L 98
31) Carbon tetrachloride	5.54	117	171435	25.462	ug/L 100
33) Benzene	5.79	78	333421	21.691	ug/L 100
34) Trichloroethene	6.55	95	96995	23.016	ug/L 98
35) Methylcyclohexane	6.77	83	139580	23.143	ug/L 99
37) 1,2-Dichloropropane	6.80	63	80658	19.584	ug/L 99
38) Bromodichloromethane	7.11	83	144316	24.730	ug/L 98
39) cis-1,3-Dichloropropene	7.61	75	147022	25.110	ug/L 97
40) 4-Methyl-2-pentanone	7.80	43	663596	256.714	ug/L 99

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42) Toluene	7.98	91	379362	23.102	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	149210	27.535	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	71477	24.285	ug/L	97
47) Tetrachloroethene	8.56	164	77184	24.256	ug/L	99
48) 2-Hexanone	8.69	43	512164	268.675	ug/L	99
49) Dibromochloromethane	8.82	129	104460	27.109	ug/L	100
50) 1,2-Dibromoethane	8.93	107	73002	25.647	ug/L	99
51) Chlorobenzene	9.45	112	251229	23.389	ug/L	99
52) Ethylbenzene	9.57	91	455575	25.714	ug/L	99
53) m,p-Xylene	9.69	106	166279	25.681	ug/L	99
54) o-Xylene	10.10	106	162143	25.922	ug/L	97
55) Styrene	10.11	104	286924	27.213	ug/L	95
56) Isopropylbenzene	10.48	105	464108	27.316	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	97442	27.112	ug/L	90
59) 1,2,3-Trichloropropane	10.82	75	77591	27.632	ug/L	97
61) Bromoform	10.29	173	63905	25.660	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	222832	22.674	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	226791	23.254	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	218649	23.923	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	23030	30.958	ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	178332	25.359	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	154717	27.896	ug/L	99
69) Naphthalene	14.08	128	293251	33.906	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	141972	28.213	ug/L	99

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

