

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041574.D
 Acq On : 12 Dec 2020 17:51
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 3:43:19 PM

Quant Time: Dec 13 11:18:09 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	141852	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	10871	0.96	ug/L	0.00
7) Chloroethane-d5	1.92	69	8394	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	20950	1.02	ug/L	0.00
20) 2-Butanone-d5	4.65	46	32911	10.08	ug/L	0.00
24) Chloroform-d	5.08	84	20058	1.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	11620	1.09	ug/L	0.00
32) Benzene-d6	5.74	84	39731	0.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	13109	1.04	ug/L	0.00
41) Toluene-d8	7.91	98	34856	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	5074	0.88	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	27180	8.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10573	0.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	13473	1.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	12408	0.995 ug/L	96
3) Chloromethane	1.53	50	11657	0.944 ug/L	98
5) Vinyl chloride	1.61	62	13268	1.005 ug/L	95
6) Bromomethane	1.87	94	8347	1.003 ug/L	96
8) Chloroethane	1.94	64	8553m	0.963 ug/L	
9) Trichlorofluoromethane	2.15	101	15669	0.896 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	10309	1.017 ug/L	93
12) 1,1-Dichloroethene	2.60	96	9270	0.932 ug/L	90
13) Acetone	2.66	43	19501	9.347 ug/L	96
14) Carbon disulfide	2.81	76	33389	0.961 ug/L	100
15) Methyl Acetate	2.97	43	5544	0.992 ug/L	93
16) Methylene chloride	3.06	84	11879	1.045 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	25144	0.928 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	9760	0.920 ug/L	96
19) 1,1-Dichloroethane	3.89	63	19270	0.999 ug/L	98
21) 2-Butanone	4.73	43	31648	8.970 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	11106	0.968 ug/L	97
23) Bromochloromethane	5.00	128	5233	0.977 ug/L	93
25) Chloroform	5.11	83	18772	0.944 ug/L	92
27) 1,2-Dichloroethane	5.81	62	12794	0.957 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	15527	0.917 ug/L	97
30) Cyclohexane	5.41	56	16297	0.849 ug/L	99
31) Carbon tetrachloride	5.54	117	13257	0.896 ug/L	97
33) Benzene	5.79	78	42855	0.903 ug/L	100
34) Trichloroethene	6.56	95	11025	0.922 ug/L	96
35) Methylcyclohexane	6.77	83	16045	0.837 ug/L	93
37) 1,2-Dichloropropane	6.80	63	11653	0.990 ug/L	# 93
38) Bromodichloromethane	7.11	83	14244	0.952 ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	15526	0.852 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	69730	7.864 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.98	91	43625	0.871	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	13890	0.849	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	7891	0.838	ug/L	93
47) Tetrachloroethene	8.56	164	7858	0.940	ug/L	95
48) 2-Hexanone	8.69	43	52189	8.032	ug/L	100
49) Dibromochloromethane	8.81	129	9069	0.879	ug/L	97
50) 1,2-Dibromoethane	8.93	107	7791	0.870	ug/L #	95
51) Chlorobenzene	9.45	112	27479	0.898	ug/L	98
52) Ethylbenzene	9.57	91	44637	0.831	ug/L	96
53) m,p-Xylene	9.69	106	16314	0.779	ug/L	87
54) o-Xylene	10.10	106	15570	0.787	ug/L	98
55) Styrene	10.11	104	27604	0.800	ug/L	100
56) Isopropylbenzene	10.48	105	42954	0.830	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	11180	0.909	ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	8536	0.945	ug/L	96
61) Bromoform	10.29	173	5066	0.819	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	22429	0.925	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	22578	0.914	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	22419	0.961	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	1913	0.841	ug/L	86
67) 1,3,5-Trichlorobenzene	13.21	180	16632	0.896	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	12744	0.745	ug/L	96
69) Naphthalene	14.07	128	24887	0.734	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	11577	0.726	ug/L	95

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

