

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041914.D
 Acq On : 11 Jan 2021 12:08
 Operator : SY/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 11:52:35 AM

Quant Time: Jan 12 02:57:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 01:13:33 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115353	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114078	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54218	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8756	0.90	ug/L	0.00
7) Chloroethane-d5	1.92	69	8326	0.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	17868	0.97	ug/L	0.00
20) 2-Butanone-d5	4.66	46	24134	8.93	ug/L	0.00
24) Chloroform-d	5.08	84	15466	0.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	8801	0.94	ug/L	0.00
32) Benzene-d6	5.74	84	28734	0.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	9562	0.90	ug/L	0.00
41) Toluene-d8	7.90	98	26364	0.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	3772	0.85	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	17877	8.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	8299	0.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	9060	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.38	85	10849	0.972	ug/L 99
3) Chloromethane	1.52	50	12643	1.041	ug/L 93
5) Vinyl chloride	1.61	62	13308	1.010	ug/L 100
6) Bromomethane	1.86	94	7720	0.969	ug/L 96
8) Chloroethane	1.94	64	8091	1.005	ug/L 97
9) Trichlorofluoromethane	2.14	101	16527	0.972	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	9940	1.074	ug/L 90
12) 1,1-Dichloroethene	2.59	96	9312	1.034	ug/L 96
13) Acetone	2.67	43	18011m	10.595	ug/L
14) Carbon disulfide	2.80	76	28453	1.013	ug/L 100
15) Methyl Acetate	2.97	43	3683	0.924	ug/L 99
16) Methylene chloride	3.06	84	11392	1.006	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	19649	0.910	ug/L 97
18) trans-1,2-Dichloroethene	3.37	96	8825	1.009	ug/L 92
19) 1,1-Dichloroethane	3.88	63	15548	0.947	ug/L 93
21) 2-Butanone	4.74	43	27332	10.037	ug/L 88
22) cis-1,2-Dichloroethene	4.68	96	8740	0.936	ug/L 89
23) Bromochloromethane	4.99	128	4262	0.978	ug/L 87
25) Chloroform	5.10	83	17200	1.006	ug/L 96
27) 1,2-Dichloroethane	5.81	62	11060	1.009	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	14580	0.979	ug/L 94
30) Cyclohexane	5.40	56	11596	0.831	ug/L 95
31) Carbon tetrachloride	5.54	117	12416	0.965	ug/L 98
33) Benzene	5.78	78	34216	0.931	ug/L 100
34) Trichloroethene	6.55	95	9605	0.995	ug/L 93
35) Methylcyclohexane	6.77	83	12341	0.870	ug/L 96
37) 1,2-Dichloropropane	6.80	63	8201	0.894	ug/L 100
38) Bromodichloromethane	7.11	83	12305	1.003	ug/L 96
39) cis-1,3-Dichloropropene	7.61	75	12041	0.889	ug/L 94
40) 4-Methyl-2-pentanone	7.80	43	52688	9.052	ug/L 97

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42) Toluene	7.98	91	34141	0.899	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	10969	0.916	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	6765	0.962	ug/L	90
47) Tetrachloroethene	8.56	164	6335	0.943	ug/L	97
48) 2-Hexanone	8.69	43	37112	8.649	ug/L	95
49) Dibromochloromethane	8.82	129	8277	0.968	ug/L	97
50) 1,2-Dibromoethane	8.92	107	6053	0.913	ug/L #	99
51) Chlorobenzene	9.45	112	22224	0.929	ug/L	98
52) Ethylbenzene	9.57	91	34894	0.872	ug/L	95
53) m,p-Xylene	9.69	106	12565	0.848	ug/L	99
54) o-Xylene	10.10	106	12745	0.890	ug/L	93
55) Styrene	10.11	104	20725	0.833	ug/L	99
56) Isopropylbenzene	10.48	105	33273	0.866	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	9035	0.984	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	6477	0.967	ug/L	94
61) Bromoform	10.29	173	4673	1.017	ug/L #	97
62) 1,3-Dichlorobenzene	11.74	146	16187	0.941	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	15990	0.926	ug/L	92
65) 1,2-Dichlorobenzene	12.21	146	15659	0.946	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	1517	1.009	ug/L #	71
67) 1,3,5-Trichlorobenzene	13.21	180	11344	0.903	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	7863	0.831	ug/L	99
69) Naphthalene	14.08	128	10733	0.669	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	7539	0.842	ug/L	94

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

