

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040935.D
 Acq On : 26 Oct 2020 11:11
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:10:58 PM

Quant Time: Oct 27 02:31:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 02:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	5082	1.15	ug/L	0.00
7) Chloroethane-d5	1.92	69	3709	0.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	9810	1.06	ug/L	0.00
20) 2-Butanone-d5	4.67	46	15636	10.09	ug/L	0.00
24) Chloroform-d	5.08	84	8804	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	5861	1.11	ug/L	0.00
32) Benzene-d6	5.74	84	15086	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	4981	0.90	ug/L	0.00
41) Toluene-d8	7.91	98	13621	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1874	0.82	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	9658	8.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	4745	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	4905	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6071	0.995 ug/L	95
3) Chloromethane	1.53	50	5788	0.885 ug/L	95
5) Vinyl chloride	1.61	62	6054	0.983 ug/L	97
6) Bromomethane	1.87	94	3272	1.020 ug/L	90
8) Chloroethane	1.94	64	3752	0.945 ug/L	100
9) Trichlorofluoromethane	2.15	101	8422	1.030 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4721	0.991 ug/L	97
12) 1,1-Dichloroethene	2.59	96	4379	0.985 ug/L	99
13) Acetone	2.69	43	11647m	10.676 ug/L	
14) Carbon disulfide	2.81	76	15325	0.978 ug/L	99
15) Methyl Acetate	2.97	43	2619	0.980 ug/L	# 74
16) Methylene chloride	3.06	84	5499	1.005 ug/L	96
17) Methyl tert-butyl Ether	3.39	73	10542	0.963 ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	4468	0.974 ug/L	95
19) 1,1-Dichloroethane	3.89	63	9241	1.001 ug/L	97
21) 2-Butanone	4.75	43	18074	11.054 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	4516	0.901 ug/L	88
23) Bromochloromethane	5.00	128	2245	0.994 ug/L	95
25) Chloroform	5.11	83	9245	0.982 ug/L	93
27) 1,2-Dichloroethane	5.81	62	6848	1.053 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	7579	0.959 ug/L	98
30) Cyclohexane	5.40	56	6624	0.837 ug/L	97
31) Carbon tetrachloride	5.54	117	6570	0.936 ug/L	95
33) Benzene	5.79	78	17930	0.914 ug/L	100
34) Trichloroethene	6.55	95	4760	0.947 ug/L	94
35) Methylcyclohexane	6.78	83	6132	0.820 ug/L	99
37) 1,2-Dichloropropane	6.80	63	4832	0.910 ug/L	98
38) Bromodichloromethane	7.11	83	6428	0.947 ug/L	90
39) cis-1,3-Dichloropropene	7.62	75	6369	0.892 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	36358	9.852 ug/L	95

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42) Toluene	7.98	91	17883	0.904	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	6225	0.957	ug/L	94
45) 1,1,2-Trichloroethane	8.41	97	3828	1.046	ug/L	94
47) Tetrachloroethene	8.56	164	3594	0.966	ug/L	84
48) 2-Hexanone	8.69	43	27406	10.108	ug/L	96
49) Dibromochloromethane	8.81	129	4412	1.012	ug/L	98
50) 1,2-Dibromoethane	8.93	107	3513	1.024	ug/L #	99
51) Chlorobenzene	9.45	112	11805	0.926	ug/L	99
52) Ethylbenzene	9.57	91	17650	0.830	ug/L	98
53) m,p-Xylene	9.70	106	6240	0.818	ug/L	94
54) o-Xylene	10.10	106	5615	0.774	ug/L	88
55) Styrene	10.11	104	10233	0.809	ug/L	99
56) Isopropylbenzene	10.48	105	15318	0.792	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	4768	1.011	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	3764	1.060	ug/L	94
61) Bromoform	10.29	173	2308	1.079	ug/L #	98
62) 1,3-Dichlorobenzene	11.74	146	8562	0.954	ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	8601	0.929	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	8405	0.991	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	945	1.166	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	5591	0.849	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	4504	0.815	ug/L	97
69) Naphthalene	14.08	128	6461	0.639	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	3959	0.741	ug/L	97

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

