

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039002.D
 Acq On : 22 Jun 2020 13:29
 Operator : SY/MD
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 11:01:09 AM

Quant Time: Jun 22 15:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 22 14:58:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	259204	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	261659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22815	0.95	ug/L	0.00
7) Chloroethane-d5	1.93	69	16163	0.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	41149	0.95	ug/L	0.00
20) 2-Butanone-d5	4.67	46	67567	9.36	ug/L	0.00
24) Chloroform-d	5.10	84	40707	0.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	25062	1.03	ug/L	0.00
32) Benzene-d6	5.76	84	77828	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	26794	1.04	ug/L	0.00
41) Toluene-d8	7.92	98	66661	0.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	11512	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	47207	8.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	23001	1.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	25432	1.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	27095	1.022 ug/L	95
3) Chloromethane	1.53	50	14301	0.545 ug/L	100
5) Vinyl chloride	1.62	62	27988	1.022 ug/L	98
6) Bromomethane	1.87	94	6277	0.597 ug/L	93
8) Chloroethane	1.95	64	14441m	0.927 ug/L	
9) Trichlorofluoromethane	2.16	101	36408	1.021 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	21942	1.046 ug/L	98
12) 1,1-Dichloroethene	2.60	96	19883	1.035 ug/L	83
13) Acetone	2.67	43	45070	10.148 ug/L	99
14) Carbon disulfide	2.82	76	69557	1.063 ug/L	98
15) Methyl Acetate	2.99	43	11237	1.019 ug/L	100
16) Methylene chloride	3.07	84	25550	1.082 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	40805	0.802 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	20866	1.029 ug/L	96
19) 1,1-Dichloroethane	3.91	63	41820	1.068 ug/L	99
21) 2-Butanone	4.75	43	67788	9.462 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	21850	1.016 ug/L	91
23) Bromochloromethane	5.01	128	10553	1.075 ug/L	90
25) Chloroform	5.12	83	44204	1.144 ug/L	94
27) 1,2-Dichloroethane	5.83	62	28813	1.035 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	34902	1.033 ug/L	99
30) Cyclohexane	5.42	56	32071	0.961 ug/L	98
31) Carbon tetrachloride	5.56	117	28677	1.010 ug/L	97
33) Benzene	5.81	78	87161	1.021 ug/L	100
34) Trichloroethene	6.57	95	21762	1.020 ug/L	93
35) Methylcyclohexane	6.79	83	30748	0.935 ug/L	97
37) 1,2-Dichloropropane	6.82	63	23017	1.000 ug/L	# 97
38) Bromodichloromethane	7.13	83	28125	0.940 ug/L	94
39) cis-1,3-Dichloropropene	7.63	75	30602	0.841 ug/L	95
40) 4-Methyl-2-pentanone	7.82	43	157275	8.061 ug/L	99

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42) Toluene	7.99	91	83328	0.874	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	28231	0.886	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	17075	0.939	ug/L	99
47) Tetrachloroethene	8.57	164	15553	0.959	ug/L	95
48) 2-Hexanone	8.71	43	120084	9.187	ug/L	98
49) Dibromochloromethane	8.83	129	19217	0.979	ug/L	96
50) 1,2-Dibromoethane	8.94	107	16121	0.956	ug/L	99
51) Chlorobenzene	9.47	112	55619	1.001	ug/L	98
52) Ethylbenzene	9.59	91	86497	0.905	ug/L	99
53) m,p-Xylene	9.71	106	32895	0.914	ug/L	100
54) o-Xylene	10.12	106	29397	0.842	ug/L	97
55) Styrene	10.13	104	50173	0.837	ug/L	100
56) Isopropylbenzene	10.50	105	78663	0.870	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	22266	0.998	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	17164	1.036	ug/L	98
61) Bromoform	10.30	173	10207	0.996	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	42242	1.031	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	43934	1.044	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	41678	1.061	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	3203	0.873	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	29755	0.949	ug/L	96
68) 1,2,4-trichlorobenzene	13.87	180	24365	0.876	ug/L	98
69) Naphthalene	14.11	128	42048	0.824	ug/L	97
70) 1,2,3-Trichlorobenzene	14.36	180	22145	0.834	ug/L	95

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

