

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020821\
 Data File : VX020876.D
 Acq On : 08 Feb 2021 11:39
 Operator : JC/MD
 Sample : VSTD00534
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005404

Quant Time: Feb 08 12:57:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 08 12:56:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	436155	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	418709	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	196698	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	15875	4.83	ug/L	0.00
7) Chloroethane-d5	1.691	69	13176	5.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	31521	5.11	ug/L	0.00
21) 2-Butanone-d5	4.525	46	18648	8.97	ug/L	0.00
24) Chloroform-d	5.129	84	32718	5.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.025	65	22503	5.77	ug/L	0.00
32) Benzene-d6	6.043	84	65312	5.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.366	67	20628	5.45	ug/L	0.00
41) Toluene-d8	8.689	98	57487	5.17	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.988	79	9864	5.35	ug/L	0.00
47) 2-Hexanone-d5	9.421	63	12556	7.63	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.225	84	27915	5.32	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	21490	5.63	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	25930	6.38	ug/L	99
3) Chloromethane	1.313	50	20161	5.53	ug/L	100
5) Vinyl chloride	1.392	62	21911	5.71	ug/L	96
6) Bromomethane	1.630	94	13237	6.73	ug/L	98
8) Chloroethane	1.715	64	13180	5.72	ug/L	94
9) Trichlorofluoromethane	1.916	101	34238	6.84	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	18913	6.24	ug/L	98
12) 1,1-Dichloroethene	2.355	96	17115	5.80	ug/L	97
13) Acetone	2.416	43	20638	12.57	ug/L	99
14) Carbon disulfide	2.550	76	53073	5.61	ug/L	100
15) Methyl Acetate	2.745	43	18627	5.57	ug/L	99
16) Methylene chloride	2.831	84	22846	6.34	ug/L	99
17) trans-1,2-Dichloroethene	3.142	96	19599	6.06	ug/L	94
18) Methyl tert-butyl Ether	3.160	73	57396	5.83	ug/L	99
19) 1,1-Dichloroethane	3.666	63	37309	6.33	ug/L	98
20) cis-1,2-Dichloroethene	4.556	96	21620	6.10	ug/L	92
22) 2-Butanone	4.629	43	27414	11.14	ug/L	96
23) Bromochloromethane	4.977	128	11852	6.42	ug/L	96
25) Chloroform	5.172	83	44236	6.87	ug/L	93
27) 1,2-Dichloroethane	6.153	62	30065	6.35	ug/L	98
29) Cyclohexane	5.544	56	25153	5.08	ug/L	98
30) 1,1,1-Trichloroethane	5.452	97	36415	6.89	ug/L	97
31) Carbon tetrachloride	5.745	117	32535	7.21	ug/L	99
33) Benzene	6.111	78	80681	6.01	ug/L	100
34) Trichloroethene	7.184	95	22093	6.40	ug/L	96
35) Methylcyclohexane	7.433	83	27769	5.44	ug/L	99
37) 1,2-Dichloropropane	7.488	63	21887	6.39	ug/L	# 96
38) Bromodichloromethane	7.872	83	30075	6.76	ug/L	97
39) cis-1,3-Dichloropropene	8.409	75	29137	5.68	ug/L	99
40) 4-Methyl-2-pentanone	8.616	43	42118	9.61	ug/L	99
42) Toluene	8.762	91	80999	5.78	ug/L	96
44) trans-1,3-Dichloropropene	9.019	75	28589	5.71	ug/L	97

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45) 1,1,2-Trichloroethane	9.195	97	22033	6.44	ug/L	96
46) Tetrachloroethene	9.311	164	16898	6.32	ug/L	93
48) 2-Hexanone	9.470	43	33063	9.50	ug/L	99
49) Dibromochloromethane	9.561	129	24566	6.87	ug/L	99
50) 1,2-Dibromoethane	9.653	107	21942	6.21	ug/L	94
51) Chlorobenzene	10.116	112	58453	6.51	ug/L	93
52) Ethylbenzene	10.232	91	88568	5.89	ug/L	99
53) m,p-Xylene	10.341	106	31228	5.55	ug/L	99
54) o-Xylene	10.683	106	31142	5.68	ug/L	95
55) Styrene	10.695	104	51001	5.49	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.250	83	32330	6.07	ug/L	98
59) Bromoform	10.835	173	17158	6.97	ug/L	99
60) Isopropylbenzene	11.000	105	81147	5.94	ug/L	100
61) 1,2,3-Trichloropropane	11.274	75	25980	6.21	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	62163	5.60	ug/L	99
63) 1,2,4-Trimethylbenzene	11.792	105	59410	5.28	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	41395	6.48	ug/L	95
65) 1,4-Dichlorobenzene	12.079	146	42909	6.66	ug/L	99
67) 1,2-Dichlorobenzene	12.372	146	42379	6.66	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.981	75	6105	5.81	ug/L	98
69) 1,3,5-Trichlorobenzene	13.152	180	27328	6.30	ug/L	98
70) 1,2,4-trichlorobenzene	13.627	180	21223	5.68	ug/L	99
71) Naphthalene	13.816	128	53867	4.39	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	21693	5.62	ug/L	98

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

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