

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020821\
 Data File : VX020882.D
 Acq On : 08 Feb 2021 14:06
 Operator : JC/MD
 Sample : VSTD00534
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005404

Quant Time: Feb 08 14:28:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 08 13:49:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	468915	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	445728	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	196018	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	12317	3.48	ug/L	0.00
7) Chloroethane-d5	1.691	69	10844	3.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	25177	3.80	ug/L	0.00
21) 2-Butanone-d5	4.538	46	17426	7.80	ug/L	0.00
24) Chloroform-d	5.135	84	26680	4.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.031	65	18889	4.50	ug/L	0.00
32) Benzene-d6	6.050	84	53211	4.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.373	67	16581	4.11	ug/L	0.00
41) Toluene-d8	8.696	98	47446	4.01	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	7429	3.79	ug/L	0.00
47) 2-Hexanone-d5	9.421	63	11107	6.34	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	23622	4.23	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.360	152	19189	5.04	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	19920	4.56	ug/L	99
3) Chloromethane	1.313	50	17438	4.45	ug/L	99
5) Vinyl chloride	1.392	62	17597	4.27	ug/L	100
6) Bromomethane	1.630	94	11769	5.57	ug/L	96
8) Chloroethane	1.709	64	10907	4.40	ug/L	98
9) Trichlorofluoromethane	1.916	101	27003	5.02	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	15557	4.77	ug/L	98
12) 1,1-Dichloroethene	2.355	96	14030	4.43	ug/L	97
13) Acetone	2.416	43	14427	8.17	ug/L	99
14) Carbon disulfide	2.550	76	47599	4.68	ug/L	99
15) Methyl Acetate	2.752	43	15971	4.44	ug/L	94
16) Methylene chloride	2.831	84	19318	4.99	ug/L	99
17) trans-1,2-Dichloroethene	3.142	96	16098	4.63	ug/L	97
18) Methyl tert-butyl Ether	3.166	73	48904	4.62	ug/L	98
19) 1,1-Dichloroethane	3.666	63	30371	4.79	ug/L	95
20) cis-1,2-Dichloroethene	4.562	96	18186	4.78	ug/L	89
22) 2-Butanone	4.641	43	21616	8.17	ug/L	96
23) Bromochloromethane	4.977	128	9792	4.93	ug/L	85
25) Chloroform	5.172	83	35255	5.09	ug/L	92
27) 1,2-Dichloroethane	6.159	62	24608	4.83	ug/L	100
29) Cyclohexane	5.550	56	21624	4.10	ug/L	99
30) 1,1,1-Trichloroethane	5.458	97	29298	5.20	ug/L	96
31) Carbon tetrachloride	5.751	117	26160	5.45	ug/L	97
33) Benzene	6.111	78	66284	4.64	ug/L	100
34) Trichloroethene	7.184	95	18533	5.05	ug/L	94
35) Methylcyclohexane	7.440	83	23487	4.33	ug/L	100
37) 1,2-Dichloropropane	7.488	63	17162	4.71	ug/L #	97
38) Bromodichloromethane	7.873	83	24369	5.14	ug/L	99
39) cis-1,3-Dichloropropene	8.415	75	24102	4.42	ug/L	96
40) 4-Methyl-2-pentanone	8.616	43	36780	7.89	ug/L	99
42) Toluene	8.763	91	66793	4.47	ug/L	100
44) trans-1,3-Dichloropropene	9.019	75	24631	4.62	ug/L	97

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45) 1,1,2-Trichloroethane	9.195	97	18107	4.97	ug/L	94
46) Tetrachloroethene	9.317	164	14138	4.96	ug/L	95
48) 2-Hexanone	9.470	43	28723	7.75	ug/L	94
49) Dibromochloromethane	9.561	129	19684	5.17	ug/L	91
50) 1,2-Dibromoethane	9.653	107	17792	4.73	ug/L #	96
51) Chlorobenzene	10.122	112	48463	5.07	ug/L	93
52) Ethylbenzene	10.232	91	72388	4.52	ug/L	94
53) m,p-Xylene	10.342	106	26615	4.45	ug/L	94
54) o-Xylene	10.683	106	25387	4.35	ug/L	93
55) Styrene	10.695	104	42568	4.30	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.250	83	27089	4.78	ug/L	98
59) Bromoform	10.835	173	14062	5.73	ug/L	96
60) Isopropylbenzene	11.000	105	65909	4.84	ug/L	98
61) 1,2,3-Trichloropropane	11.280	75	22247	5.34	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	50807	4.59	ug/L	98
63) 1,2,4-Trimethylbenzene	11.793	105	49826	4.44	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	32926	5.17	ug/L	96
65) 1,4-Dichlorobenzene	12.079	146	35103	5.47	ug/L	99
67) 1,2-Dichlorobenzene	12.372	146	34363	5.42	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.981	75	5434	5.19	ug/L	95
69) 1,3,5-Trichlorobenzene	13.152	180	22563	5.22	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	17407	4.67	ug/L	95
71) Naphthalene	13.817	128	48364	3.96	ug/L	99
72) 1,2,3-Trichlorobenzene	14.000	180	19021	4.95	ug/L	98

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

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