

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020921.D
 Acq On : 26 Feb 2021 10:57
 Operator : JC/MD
 Sample : VSTD01036
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010436

Quant Time: Feb 26 11:48:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 11:47:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	296430	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	264557	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	122366	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	18163	10.07	ug/L	0.00
7) Chloroethane-d5	1.693	69	14666	9.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.346	63	34369	9.89	ug/L	0.00
21) 2-Butanone-d5	4.529	46	20083	16.52	ug/L	0.00
24) Chloroform-d	5.135	84	32347	8.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.029	65	21326	8.64	ug/L	0.00
32) Benzene-d6	6.041	84	69634	9.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.365	67	21535	9.66	ug/L	0.00
41) Toluene-d8	8.694	98	62066	9.48	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	10762	9.61	ug/L	0.00
47) 2-Hexanone-d5	9.424	63	15909	18.12	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.230	84	25803	8.60	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	20475	8.47	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	21970	9.58	ug/L	99
3) Chloromethane	1.317	50	19840	9.99	ug/L	100
5) Vinyl chloride	1.393	62	22874	10.87	ug/L	97
6) Bromomethane	1.629	94	13887	12.10	ug/L	95
8) Chloroethane	1.711	64	14671	11.48	ug/L	98
9) Trichlorofluoromethane	1.917	101	29991	9.64	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	19821	10.93	ug/L	99
12) 1,1-Dichloroethene	2.352	96	19158	11.29	ug/L	92
13) Acetone	2.417	43	19336	22.88	ug/L	99
14) Carbon disulfide	2.546	76	57041	10.93	ug/L	100
15) Methyl Acetate	2.746	43	17880	9.74	ug/L	99
16) Methylene chloride	2.835	84	21792	10.12	ug/L	99
17) trans-1,2-Dichloroethene	3.140	96	20804	10.82	ug/L	99
18) Methyl tert-butyl Ether	3.164	73	68567	11.17	ug/L	97
19) 1,1-Dichloroethane	3.664	63	36267	10.26	ug/L	98
20) cis-1,2-Dichloroethene	4.558	96	23011	10.53	ug/L	92
22) 2-Butanone	4.635	43	27095	20.68	ug/L	98
23) Bromochloromethane	4.976	128	11645	10.27	ug/L	92
25) Chloroform	5.170	83	40093	10.14	ug/L	93
27) 1,2-Dichloroethane	6.153	62	28698	10.19	ug/L	100
29) Cyclohexane	5.547	56	32277	12.03	ug/L	96
30) 1,1,1-Trichloroethane	5.453	97	32686	10.26	ug/L	99
31) Carbon tetrachloride	5.747	117	27044	9.62	ug/L	100
33) Benzene	6.106	78	83879	11.17	ug/L	100
34) Trichloroethene	7.182	95	21923	10.84	ug/L	96
35) Methylcyclohexane	7.435	83	33533	11.62	ug/L	96
37) 1,2-Dichloropropane	7.482	63	21058	10.88	ug/L	97
38) Bromodichloromethane	7.870	83	28794	10.56	ug/L	97
39) cis-1,3-Dichloropropene	8.412	75	33679	11.23	ug/L	96
40) 4-Methyl-2-pentanone	8.618	43	49483	21.84	ug/L	98
42) Toluene	8.759	91	85814	10.88	ug/L	96
44) trans-1,3-Dichloropropene	9.018	75	31453	10.60	ug/L	100

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45) 1,1,2-Trichloroethane	9.194	97	20971	10.61	ug/L	95
46) Tetrachloroethene	9.318	164	15819	10.33	ug/L	95
48) 2-Hexanone	9.471	43	37306	21.42	ug/L	99
49) Dibromochloromethane	9.565	129	21779	9.81	ug/L	98
50) 1,2-Dibromoethane	9.653	107	21407	10.52	ug/L	95
51) Chlorobenzene	10.118	112	54253	10.25	ug/L	97
52) Ethylbenzene	10.236	91	95988	11.04	ug/L	98
53) m,p-Xylene	10.341	106	36610	11.13	ug/L	91
54) o-Xylene	10.683	106	35314	11.10	ug/L	87
55) Styrene	10.694	104	59571	10.79	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.247	83	29186	9.98	ug/L	97
59) Bromoform	10.841	173	14429	9.13	ug/L	99
60) Isopropylbenzene	11.000	105	93594	11.35	ug/L	98
61) 1,2,3-Trichloropropane	11.277	75	23710	10.01	ug/L	98
62) 1,3,5-Trimethylbenzene	11.489	105	74940	11.06	ug/L	98
63) 1,2,4-Trimethylbenzene	11.789	105	75290	11.15	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	38503	10.16	ug/L	95
65) 1,4-Dichlorobenzene	12.083	146	37723	9.69	ug/L	95
67) 1,2-Dichlorobenzene	12.377	146	38208	9.96	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.983	75	6340	10.28	ug/L	89
69) 1,3,5-Trichlorobenzene	13.154	180	26340	10.16	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	21503	9.55	ug/L	95
71) Naphthalene	13.818	128	78755	10.79	ug/L	100
72) 1,2,3-Trichlorobenzene	14.001	180	22131	9.56	ug/L	95

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

