

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026100.D
 Acq On : 28 Dec 2021 15:51
 Operator : JC/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD20064

Quant Time: Dec 29 03:39:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 03:36:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	223365	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	200527	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	345493	213.179	ug/L	0.00
7) Chloroethane-d5	1.666	69	226731	176.881	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	645297	203.681	ug/L	0.00
21) 2-Butanone-d5	4.465	46	496588	367.750	ug/L	0.00
24) Chloroform-d	5.062	84	600826	190.709	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	389837	184.601	ug/L	0.00
32) Benzene-d6	5.983	84	1151460	197.939	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	356570	197.569	ug/L	0.00
41) Toluene-d8	8.653	98	1063466	196.719	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	189452	236.641	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	348373	381.104	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	484639	185.628	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	382166	199.900	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	448073	199.691	ug/L	100
3) Chloromethane	1.294	50	387125	189.372	ug/L	98
5) Vinyl chloride	1.374	62	384264	187.742	ug/L	100
6) Bromomethane	1.611	94	221082	191.387	ug/L	100
8) Chloroethane	1.685	64	222187	180.629	ug/L	99
9) Trichlorofluoromethane	1.886	101	609627	196.377	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	304154	190.058	ug/L	99
12) 1,1-Dichloroethene	2.325	96	284370	190.594	ug/L	92
13) Acetone	2.386	43	417294	497.997	ug/L	99
14) Carbon disulfide	2.514	76	886042	210.050	ug/L	99
15) Methyl Acetate	2.709	43	374197	183.697	ug/L	100
16) Methylene chloride	2.794	84	307925	178.969	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	298715	189.090	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	970009	189.697	ug/L	99
19) 1,1-Dichloroethane	3.617	63	556139	186.769	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	331582	188.183	ug/L	98
22) 2-Butanone	4.562	43	610728	424.030	ug/L	99
23) Bromochloromethane	4.910	128	168397	192.245	ug/L	99
25) Chloroform	5.099	83	574913	185.501	ug/L	98
27) 1,2-Dichloroethane	6.092	62	471128	185.097	ug/L	96
29) Cyclohexane	5.477	56	537090	202.041	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	517968	209.690	ug/L	99
31) Carbon tetrachloride	5.684	117	463961	214.671	ug/L	100
33) Benzene	6.044	78	1233611	194.060	ug/L	100
34) Trichloroethene	7.129	95	327814	199.590	ug/L	96
35) Methylcyclohexane	7.385	83	514566	199.454	ug/L	99
37) 1,2-Dichloropropane	7.434	63	315969	196.238	ug/L	99
38) Bromodichloromethane	7.824	83	448578	209.703	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	517856	220.115	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	1024018	380.695	ug/L	100
42) Toluene	8.720	91	1316264	195.056	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	512865	230.392	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	300435	192.874	ug/L	98
46) Tetrachloroethene	9.275	164	246333	197.793	ug/L	97
48) 2-Hexanone	9.439	43	833124	398.657	ug/L	99
49) Dibromochloromethane	9.525	129	359623	219.400	ug/L	100
50) 1,2-Dibromoethane	9.610	107	331675	199.222	ug/L	97
51) Chlorobenzene	10.079	112	820847	193.283	ug/L	98
52) Ethylbenzene	10.195	91	1437217	197.285	ug/L	100
53) m,p-Xylene	10.305	106	555243	199.274	ug/L	97
54) o-Xylene	10.646	106	529280	192.095	ug/L	96
55) Styrene	10.659	104	938693	201.666	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.213	83	478688	185.205	ug/L	99
59) Bromoform	10.805	173	261505	239.404	ug/L	100
60) Isopropylbenzene	10.963	105	1429298	204.542	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	386721	191.807	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	1208259	206.622	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	1210590	207.473	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	621473	200.361	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	628730	200.758	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	615673	200.449	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	123456	226.264	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	428874	205.813	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	397995	213.513	ug/L	99
71) Naphthalene	13.780	128	1489890	212.067	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	398860	208.825	ug/L	100

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

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