

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025985.D
 Acq On : 23 Dec 2021 20:34
 Operator : JC/MD
 Sample : VSTD20058
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200658

Quant Time: Dec 23 20:56:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 20:39:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	219084	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	219079	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	123778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	308716	173.096	ug/L	0.00
7) Chloroethane-d5	1.654	69	245548	169.685	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.306	63	631204	200.061	ug/L	0.00
21) 2-Butanone-d5	4.458	46	559381	437.900	ug/L	0.00
24) Chloroform-d	5.062	84	647861	194.011	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	433983	199.285	ug/L	0.00
32) Benzene-d6	5.976	84	1243251	186.501	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	393329	193.088	ug/L	0.00
41) Toluene-d8	8.653	98	1187476	188.236	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	207008	231.822	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	439176	471.688	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	599518	208.737	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	468641	181.544	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	441824	213.674	ug/L	99
3) Chloromethane	1.294	50	409311	204.893	ug/L	98
5) Vinyl chloride	1.374	62	404132	197.709	ug/L	100
6) Bromomethane	1.599	94	187367	136.062	ug/L	98
8) Chloroethane	1.678	64	243239	184.584	ug/L	98
9) Trichlorofluoromethane	1.886	101	623154	202.011	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	318219	206.902	ug/L	93
12) 1,1-Dichloroethene	2.318	96	301225	210.502	ug/L	81
13) Acetone	2.386	43	310787	325.174	ug/L	94
14) Carbon disulfide	2.514	76	891205	215.138	ug/L	100
15) Methyl Acetate	2.709	43	413323	220.902	ug/L	# 91
16) Methylene chloride	2.788	84	344960	197.013	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	324696	199.025	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	1079138	209.329	ug/L	96
19) 1,1-Dichloroethane	3.611	63	619365	211.297	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	366701	200.344	ug/L	87
22) 2-Butanone	4.562	43	577058	406.904	ug/L	95
23) Bromochloromethane	4.909	128	186107	196.868	ug/L	89
25) Chloroform	5.098	83	646264	203.536	ug/L	100
27) 1,2-Dichloroethane	6.092	62	547012	214.765	ug/L	97
29) Cyclohexane	5.476	56	587808	211.766	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	568093	205.914	ug/L	96
31) Carbon tetrachloride	5.684	117	494027	208.269	ug/L	100
33) Benzene	6.043	78	1397831	199.451	ug/L	100
34) Trichloroethene	7.129	95	364808	200.405	ug/L	90
35) Methylcyclohexane	7.385	83	575545	204.746	ug/L	94
37) 1,2-Dichloropropane	7.433	63	360873	208.195	ug/L	98
38) Bromodichloromethane	7.824	83	496948	213.362	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	578239	226.635	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1235500	458.322	ug/L	95
42) Toluene	8.720	91	1521995	200.890	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	582697	242.540	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	350054	197.495	ug/L	98
46) Tetrachloroethene	9.275	164	277338	196.750	ug/L	96
48) 2-Hexanone	9.433	43	962207	445.243	ug/L	96
49) Dibromochloromethane	9.524	129	405472	218.862	ug/L	97
50) 1,2-Dibromoethane	9.610	107	387092	206.287	ug/L	99
51) Chlorobenzene	10.079	112	965330	197.771	ug/L	94
52) Ethylbenzene	10.195	91	1693456	207.329	ug/L	96
53) m,p-Xylene	10.305	106	660610	205.385	ug/L	93
54) o-Xylene	10.646	106	642623	205.784	ug/L	89
55) Styrene	10.658	104	1147065	217.797	ug/L	89
57) 1,1,2,2-Tetrachloroethane	11.213	83	597404	213.375	ug/L	98
59) Bromoform	10.805	173	297728	218.701	ug/L	99
60) Isopropylbenzene	10.963	105	1723900	193.217	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	494189	196.905	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	1491538	199.225	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	1504965	200.639	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	776268	190.908	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	773240	190.660	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	752064	187.565	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	150314	251.255	ug/L	80
69) 1,3,5-Trichlorobenzene	13.115	180	525601	197.682	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	492266	223.329	ug/L	98
71) Naphthalene	13.780	128	1825504	240.843	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	494652	223.870	ug/L	98

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

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