

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023835.D
 Acq On : 19 Aug 2021 11:18
 Operator : JC/MD
 Sample : VSTD02010
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD020610

Quant Time: Aug 19 11:39:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:36:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	129808	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	120439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	100542	10.667	ug/L	0.00
7) Chloroethane-d5	1.660	69	128650	15.051	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.306	63	314743	16.325	ug/L	0.00
20) 2-Butanone-d5	4.464	46	406244	184.452	ug/L	0.00
24) Chloroform-d	5.068	84	362900	18.227	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	178946	18.307	ug/L	0.00
32) Benzene-d6	5.982	84	697082	18.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	215084	18.593	ug/L	0.00
41) Toluene-d8	8.653	98	665096	19.552	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	65436	17.086	ug/L	0.00
46) 2-Hexanone-d5	9.390	63	349993	197.807	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156589	19.232	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	252008	19.571	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	263527	18.902	ug/L	99
3) Chloromethane	1.294	50	214156	17.763	ug/L	98
5) Vinyl chloride	1.374	62	224613	17.342	ug/L	98
6) Bromomethane	1.599	94	144046	20.277	ug/L	100
8) Chloroethane	1.684	64	130355	17.029	ug/L	96
9) Trichlorofluoromethane	1.886	101	352855	20.701	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	190969	19.549	ug/L	97
12) 1,1-Dichloroethene	2.319	96	176395	18.716	ug/L	97
13) Acetone	2.386	43	247642	191.852	ug/L	90
14) Carbon disulfide	2.514	76	509631	16.517	ug/L	99
15) Methyl Acetate	2.709	43	66722	18.279	ug/L	94
16) Methylene chloride	2.794	84	181302	15.576	ug/L	93
17) Methyl tert-butyl Ether	3.123	73	399250	18.597	ug/L	# 96
18) trans-1,2-Dichloroethene	3.093	96	187760	18.047	ug/L	97
19) 1,1-Dichloroethane	3.617	63	335283	18.093	ug/L	99
21) 2-Butanone	4.568	43	438794	198.351	ug/L	92
22) cis-1,2-Dichloroethene	4.495	96	202502	18.567	ug/L	95
23) Bromochloromethane	4.910	128	84998	17.609	ug/L	95
25) Chloroform	5.105	83	348840	17.844	ug/L	99
27) 1,2-Dichloroethane	6.098	62	219053	19.412	ug/L	# 94
29) 1,1,1-Trichloroethane	5.391	97	316974	19.935	ug/L	98
30) Cyclohexane	5.476	56	327558	21.550	ug/L	97
31) Carbon tetrachloride	5.684	117	283616	20.828	ug/L	99
33) Benzene	6.043	78	762212	18.915	ug/L	100
34) Trichloroethene	7.129	95	207079	19.476	ug/L	99
35) Methylcyclohexane	7.385	83	345495	21.453	ug/L	97
37) 1,2-Dichloropropane	7.440	63	189351	18.968	ug/L	97
38) Bromodichloromethane	7.824	83	231424	19.050	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	278797	20.437	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1091477	218.176	ug/L	91
42) Toluene	8.726	91	854354	20.165	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	235692	20.855	ug/L	100

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

45) 1,1,2-Trichloroethane	9.159	97	128466	18.269	ug/L	98
47) Tetrachloroethene	9.275	164	169084	19.766	ug/L	95
48) 2-Hexanone	9.433	43	782523	227.140	ug/L #	91
49) Dibromochloromethane	9.525	129	151272	20.073	ug/L	99
50) 1,2-Dibromoethane	9.616	107	120796	19.220	ug/L	99
51) Chlorobenzene	10.085	112	540430	20.127	ug/L	98
52) Ethylbenzene	10.195	91	955111	21.509	ug/L	100
53) m,p-xylene	10.305	106	372552	21.878	ug/L	95
54) o-xylene	10.646	106	361566	22.216	ug/L	100
55) Styrene	10.658	104	618379	22.789	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	150938	19.342	ug/L	100
59) Bromoform	10.805	173	77490	17.624	ug/L	98
60) Isopropylbenzene	10.963	105	981111	21.185	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	110992	17.676	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	843642	22.443	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	862507	22.905	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	449350	20.198	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	447034	19.993	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	403180	19.477	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	23582	17.809	ug/L	83
69) 1,3,5-Trichlorobenzene	13.115	180	342660	20.213	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	286080	21.346	ug/L	98
71) Naphthalene	13.780	128	501598	22.549	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	255598	20.584	ug/L	97

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

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