

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051021\
 Data File : VX021885.D
 Acq On : 10 May 2021 19:09
 Operator : JC/MD
 Sample : VSTD02062
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD020302

Quant Time: May 11 02:16:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 02:15:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.769	114	84116	5.00 ug/L	0.00
28) Chlorobenzene-d5	10.055	117	76357	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	36015	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.367	65	147191	18.36 ug/L	0.00
7) Chloroethane-d5	1.672	69	100480	16.52 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	247034	18.92 ug/L	0.00
20) 2-Butanone-d5	4.471	46	345439	258.10 ug/L	0.00
24) Chloroform-d	5.068	84	255802	21.50 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	127242	19.16 ug/L	0.00
32) Benzene-d6	5.983	84	525314	19.82 ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	160341	19.76 ug/L	0.00
41) Toluene-d8	8.653	98	475892	19.43 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	72105	20.07 ug/L	0.00
46) 2-Hexanone-d5	9.390	63	307513	196.61 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	124799	20.01 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	159027	20.05 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	152236	20.41 ug/L	99
3) Chloromethane	1.288	50	155577	20.92 ug/L	99
5) Vinyl chloride	1.374	62	170154	20.61 ug/L	99
6) Bromomethane	1.617	94	91425	21.95 ug/L	99
8) Chloroethane	1.691	64	83428	15.30 ug/L	99
9) Trichlorofluoromethane	1.892	101	224091	20.65 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	128250	20.88 ug/L	99
12) 1,1-Dichloroethene	2.319	96	122177	20.78 ug/L #	69
13) Acetone	2.398	43	167540	196.83 ug/L	100
14) Carbon disulfide	2.514	76	398739	20.91 ug/L	100
15) Methyl Acetate	2.709	43	48840	20.24 ug/L	98
16) Methylene chloride	2.794	84	127302	14.33 ug/L	99
17) Methyl tert-butyl Ether	3.117	73	305346	20.71 ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	132790	21.14 ug/L	98
19) 1,1-Dichloroethane	3.617	63	231354	21.10 ug/L	99
21) 2-Butanone	4.574	43	318812	198.72 ug/L	97
22) cis-1,2-Dichloroethene	4.495	96	142333	21.22 ug/L	93
23) Bromochloromethane	4.903	128	56621	21.48 ug/L	98
25) Chloroform	5.105	83	233538	19.48 ug/L	99
27) 1,2-Dichloroethane	6.098	62	140065	21.25 ug/L	100
29) 1,1,1-Trichloroethane	5.391	97	212717	21.18 ug/L	99
30) Cyclohexane	5.477	56	229409	20.85 ug/L	98
31) Carbon tetrachloride	5.690	117	184882	21.16 ug/L	97
33) Benzene	6.050	78	537117	21.18 ug/L	100
34) Trichloroethene	7.129	95	139787	21.17 ug/L	97
35) Methylcyclohexane	7.385	83	241688	21.36 ug/L	98
37) 1,2-Dichloropropane	7.433	63	133181	21.56 ug/L	98
38) Bromodichloromethane	7.830	83	169911	21.12 ug/L	94
39) cis-1,3-Dichloropropene	8.372	75	208564	21.40 ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	824766	207.13 ug/L	99
42) Toluene	8.726	91	577173	21.30 ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	174501	21.07 ug/L	99

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

45) 1,1,2-Trichloroethane	9.159	97	90076	20.87	ug/L	91
47) Tetrachloroethene	9.275	164	94499	21.09	ug/L	95
48) 2-Hexanone	9.433	43	582787	207.91	ug/L	100
49) Dibromochloromethane	9.525	129	107291	21.33	ug/L	98
50) 1,2-Dibromoethane	9.616	107	83123	20.71	ug/L	95
51) Chlorobenzene	10.085	112	357228	21.22	ug/L	99
52) Ethylbenzene	10.195	91	644690	21.09	ug/L	98
53) m,p-xylene	10.305	106	248004	21.35	ug/L	98
54) o-xylene	10.646	106	239919	21.23	ug/L	96
55) Styrene	10.659	104	415567	21.89	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	108838	20.59	ug/L	95
59) Bromoform	10.805	173	54006	21.33	ug/L	98
60) Isopropylbenzene	10.969	105	638236	21.48	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	78439	21.20	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	543484	21.45	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	557563	21.64	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	261829	21.61	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	257683	21.21	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	236255	21.29	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	18706	20.02	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	187571	21.80	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	163108	21.89	ug/L	97
71) Naphthalene	13.780	128	352891	21.76	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	140809	21.59	ug/L	98

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

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