

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032021\
 Data File : VX021296.D
 Acq On : 19 Mar 2021 11:27
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005311

Quant Time: Mar 20 00:01:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 19 23:59:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	55564	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	51450	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	24983	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	17289	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.693	69	13651	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.340	63	41843	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	4.523	46	50217	52.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.14%
24) Chloroform-d	5.135	84	40315	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	6.023	65	21915	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	6.041	84	71634	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	7.364	67	22413	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	8.694	98	68347	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloroprop...	8.994	79	9826	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	9.423	63	39153	51.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.72%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	17089	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
66) 1,2-Dichlorobenzene-d4	12.359	152	24453	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	34929	5.38	ug/L	99
3) Chloromethane	1.311	50	31663	4.92	ug/L	99
5) Vinyl chloride	1.393	62	26803	5.34	ug/L	98
6) Bromomethane	1.634	94	10972	5.35	ug/L	92
8) Chloroethane	1.711	64	15297	5.37	ug/L	94
9) Trichlorofluoromethane	1.917	101	40150	5.44	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	23579	5.54	ug/L	94
12) 1,1-Dichloroethene	2.352	96	21161	5.40	ug/L	84
13) Acetone	2.417	43	35157	52.54	ug/L	87
14) Carbon disulfide	2.546	76	69822	5.33	ug/L	100
15) Methyl Acetate	2.746	43	9530	5.16	ug/L	91
16) Methylene chloride	2.828	84	24280	4.90	ug/L	80
17) Methyl tert-butyl Ether	3.164	73	54085	5.43	ug/L #	94
18) trans-1,2-Dichloroethene	3.140	96	22255	5.34	ug/L	93
19) 1,1-Dichloroethane	3.664	63	42129	5.44	ug/L	99
21) 2-Butanone	4.629	43	59114	53.90	ug/L	90
22) cis-1,2-Dichloroethene	4.558	96	23812	5.34	ug/L	84
23) Bromochloromethane	4.976	128	10104	5.60	ug/L #	80
25) Chloroform	5.170	83	43956	5.39	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.152	62	29870	5.36	ug/L #	94
29) 1,1,1-Trichloroethane	5.458	97	40711	5.44	ug/L	97
30) Cyclohexane	5.546	56	40868	5.39	ug/L	92
31) Carbon tetrachloride	5.746	117	35642	5.38	ug/L	100
33) Benzene	6.105	78	90967	5.36	ug/L	100
34) Trichloroethene	7.182	95	25612	5.51	ug/L	94
35) Methylcyclohexane	7.435	83	39708	5.32	ug/L	95
37) 1,2-Dichloropropane	7.488	63	23718	5.52	ug/L #	97
38) Bromodichloromethane	7.870	83	31903	5.41	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	34875	5.34	ug/L	99
40) 4-Methyl-2-pentanone	8.617	43	149638	54.74	ug/L #	89
42) Toluene	8.765	91	97992	5.44	ug/L	96
44) trans-1,3-Dichloropropene	9.017	75	29746	5.38	ug/L	95
45) 1,1,2-Trichloroethane	9.194	97	15801	5.48	ug/L	98
47) Tetrachloroethene	9.312	164	18615	5.42	ug/L	94
48) 2-Hexanone	9.470	43	105185	53.31	ug/L #	89
49) Dibromochloromethane	9.565	129	19805	5.35	ug/L	96
50) 1,2-Dibromoethane	9.653	107	15305	5.47	ug/L	94
51) Chlorobenzene	10.118	112	61278	5.39	ug/L	95
52) Ethylbenzene	10.235	91	112549	5.43	ug/L	96
53) m,p-xylene	10.341	106	40370	5.26	ug/L	92
54) o-xylene	10.682	106	39525	5.46	ug/L	98
55) Styrene	10.694	104	66864	5.39	ug/L	90
57) 1,1,2,2-Tetrachloroethane	11.253	83	18801	5.38	ug/L	95
59) Bromoform	10.841	173	10736	5.58	ug/L	98
60) Isopropylbenzene	11.000	105	109420	5.69	ug/L	97
61) 1,2,3-Trichloropropane	11.277	75	14322	5.43	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	92296	5.59	ug/L	99
63) 1,2,4-Trimethylbenzene	11.788	105	94397	5.69	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	45361	5.26	ug/L	91
65) 1,4-Dichlorobenzene	12.083	146	47381	5.46	ug/L	95
67) 1,2-Dichlorobenzene	12.377	146	43529	5.62	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	3580	5.48	ug/L	82
69) 1,3,5-Trichlorobenzene	13.153	180	36340	5.64	ug/L	98
70) 1,2,4-trichlorobenzene	13.630	180	29227	5.31	ug/L	96
71) Naphthalene	13.818	128	56262	5.66	ug/L	100
72) 1,2,3-Trichlorobenzene	14.000	180	27508	5.69	ug/L	96

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

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