

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021273.D
 Acq On : 18 Mar 2021 10:40
 Operator : JC/MD
 Sample : VSTD00565
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005305

Quant Time: Mar 18 11:32:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	63672	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	58070	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	28806	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	18745	3.83	ug/L	0.00
7) Chloroethane-d5	1.693	69	14671	3.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.340	63	44230	4.56	ug/L	0.00
20) 2-Butanone-d5	4.529	46	52317	47.58	ug/L	0.00
24) Chloroform-d	5.141	84	41855	4.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.023	65	23409	4.81	ug/L	0.00
32) Benzene-d6	6.047	84	75315	4.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.364	67	23290	4.23	ug/L	0.00
41) Toluene-d8	8.694	98	72525	4.49	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	10376	5.23	ug/L	0.00
46) 2-Hexanone-d5	9.423	63	42365	48.78	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.230	84	17755	4.52	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	26525	4.76	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.181	85	36267	5.21	ug/L	99
3) Chloromethane	1.311	50	33187	5.39	ug/L	98
5) Vinyl chloride	1.393	62	27666	4.37	ug/L	98
6) Bromomethane	1.628	94	11166	3.44	ug/L	100
8) Chloroethane	1.711	64	15653	4.20	ug/L	98
9) Trichlorofluoromethane	1.917	101	41437	4.99	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	23861	4.98	ug/L	96
12) 1,1-Dichloroethene	2.352	96	21608	4.70	ug/L	74
13) Acetone	2.417	43	36016	55.21	ug/L	88
14) Carbon disulfide	2.546	76	71900	4.60	ug/L	98
15) Methyl Acetate	2.746	43	9905	5.35	ug/L #	88
16) Methylene chloride	2.834	84	23091	4.05	ug/L	86
17) Methyl tert-butyl Ether	3.164	73	55541	5.14	ug/L #	93
18) trans-1,2-Dichloroethene	3.140	96	23070	4.52	ug/L	91
19) 1,1-Dichloroethane	3.670	63	43156	4.71	ug/L	96
21) 2-Butanone	4.629	43	60563	54.26	ug/L	92
22) cis-1,2-Dichloroethene	4.558	96	24170	4.54	ug/L	84
23) Bromochloromethane	4.976	128	10370	4.40	ug/L	89
25) Chloroform	5.176	83	45579	4.72	ug/L	97
27) 1,2-Dichloroethane	6.158	62	31196	5.46	ug/L	95
29) 1,1,1-Trichloroethane	5.464	97	42030	5.38	ug/L	97
30) Cyclohexane	5.547	56	41557	5.57	ug/L	94
31) Carbon tetrachloride	5.752	117	36544	5.44	ug/L	99
33) Benzene	6.111	78	94510	4.87	ug/L	100
34) Trichloroethene	7.182	95	26111	5.07	ug/L	88
35) Methylcyclohexane	7.435	83	41866	5.36	ug/L	96
37) 1,2-Dichloropropane	7.488	63	23733	4.90	ug/L	97
38) Bromodichloromethane	7.870	83	32606	5.37	ug/L	100
39) cis-1,3-Dichloropropene	8.412	75	36353	5.38	ug/L	99
40) 4-Methyl-2-pentanone	8.617	43	154064	61.65	ug/L #	88
42) Toluene	8.765	91	100829	4.97	ug/L	96
44) trans-1,3-Dichloropropene	9.023	75	30961	5.48	ug/L	99

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45) 1,1,2-Trichloroethane	9.194	97	16602	4.86	ug/L	98
47) Tetrachloroethene	9.318	164	18933	4.67	ug/L	97
48) 2-Hexanone	9.471	43	112001	64.86	ug/L #	88
49) Dibromochloromethane	9.565	129	20087	5.35	ug/L	95
50) 1,2-Dibromoethane	9.653	107	15982	5.19	ug/L	99
51) Chlorobenzene	10.118	112	63586	4.95	ug/L	95
52) Ethylbenzene	10.235	91	117072	5.40	ug/L	100
53) m,p-xylene	10.341	106	42642	5.25	ug/L	86
54) o-xylene	10.682	106	40307	5.19	ug/L	93
55) Styrene	10.694	104	69022	5.31	ug/L	86
57) 1,1,2,2-Tetrachloroethane	11.247	83	19577	5.09	ug/L	100
59) Bromoform	10.841	173	11038	5.41	ug/L	98
60) Isopropylbenzene	11.000	105	111772	5.51	ug/L	98
61) 1,2,3-Trichloropropane	11.277	75	14727	5.21	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	98353	5.90	ug/L	96
63) 1,2,4-Trimethylbenzene	11.789	105	98438	5.92	ug/L	97
64) 1,3-Dichlorobenzene	12.006	146	49019	5.08	ug/L	96
65) 1,4-Dichlorobenzene	12.083	146	50002	5.13	ug/L	96
67) 1,2-Dichlorobenzene	12.377	146	45244	5.03	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.983	75	3668	5.83	ug/L	84
69) 1,3,5-Trichlorobenzene	13.153	180	37525	5.09	ug/L	98
70) 1,2,4-trichlorobenzene	13.630	180	31410	5.32	ug/L	97
71) Naphthalene	13.818	128	58285	5.84	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	27851	5.14	ug/L	97

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

