

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027289.D
 Acq On : 11 Aug 2022 19:12
 Operator : SY/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020211

Quant Time: Aug 12 01:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:38:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	182292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	311686	19.680	ug/L	0.00
7) Chloroethane-d5	1.558	69	197183	17.143	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	541332	18.847	ug/L	0.00
20) 2-Butanone-d5	3.873	46	683243	235.201	ug/L	0.00
24) Chloroform-d	4.342	84	566854	19.516	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	269197	19.454	ug/L	0.00
32) Benzene-d6	5.043	84	1103245	20.679	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	337292	19.227	ug/L	0.00
41) Toluene-d8	7.313	98	1036803	21.227	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	128285	22.451	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	559394	252.970	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	233625	19.576	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	341298	19.779	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	383109	17.685	ug/L	99
3) Chloromethane	1.236	50	391684	18.075	ug/L	99
5) Vinyl chloride	1.304	62	372954	18.453	ug/L	99
6) Bromomethane	1.513	94	173288	18.362	ug/L	97
8) Chloroethane	1.577	64	187278	16.666	ug/L	100
9) Trichlorofluoromethane	1.744	101	480078	17.791	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	228250	18.012	ug/L	97
12) 1,1-Dichloroethene	2.108	96	238155	18.141	ug/L	94
13) Acetone	2.166	43	409793	198.288	ug/L	86
14) Carbon disulfide	2.285	76	954058	18.151	ug/L	100
15) Methyl Acetate	2.429	43	96219	19.938	ug/L	94
16) Methylene chloride	2.497	84	323715	15.356	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	640579	20.906	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	303678	18.808	ug/L	99
19) 1,1-Dichloroethane	3.182	63	586739	18.980	ug/L	100
21) 2-Butanone	3.957	43	708848	279.382	ug/L	90
22) cis-1,2-Dichloroethene	3.902	96	321952	20.277	ug/L	98
23) Bromochloromethane	4.240	128	140771	18.968	ug/L	99
25) Chloroform	4.368	83	578594	18.216	ug/L	99
27) 1,2-Dichloroethane	5.124	62	343391	18.917	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	493149	19.375	ug/L	99
30) Cyclohexane	4.670	56	453861	22.011	ug/L	99
31) Carbon tetrachloride	4.821	117	421793	19.043	ug/L	100
33) Benzene	5.092	78	1243263	20.112	ug/L	100
34) Trichloroethene	5.908	95	301315	19.583	ug/L	99
35) Methylcyclohexane	6.127	83	475634	22.452	ug/L	96
37) 1,2-Dichloropropane	6.169	63	319169	20.889	ug/L	98
38) Bromodichloromethane	6.503	83	388670	19.738	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	425554	22.786	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1758985	223.071	ug/L	99
42) Toluene	7.384	91	1319961	21.402	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	368057	22.526	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	210366	19.311	ug/L	100
47) Tetrachloroethene	7.972	164	236017	19.532	ug/L	99
48) 2-Hexanone	8.136	43	1231548	221.790	ug/L	100
49) Dibromochloromethane	8.243	129	254532	19.961	ug/L	99
50) 1,2-Dibromoethane	8.349	107	193331	19.962	ug/L	99
51) Chlorobenzene	8.879	112	808484	20.125	ug/L	100
52) Ethylbenzene	9.011	91	1387496	22.390	ug/L	100
53) m,p-Xylene	9.136	106	541808	22.925	ug/L	100
54) o-Xylene	9.542	106	521016	22.538	ug/L	100
55) Styrene	9.558	104	911766	22.937	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	237725	19.578	ug/L	97
59) Bromoform	9.728	173	127823	18.960	ug/L	99
60) Isopropylbenzene	9.931	105	1355957	21.534	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	173466	18.015	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	375679	21.586	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1158472	23.219	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	628716	19.981	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	624981	19.739	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	581154	19.833	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	38218	19.000	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	463645	20.434	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	367833	21.694	ug/L	99
71) Naphthalene	13.500	128	626918	23.929	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	344091	21.771	ug/L	97

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

