

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027185.D
 Acq On : 02 Aug 2022 21:03
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050325

Quant Time: Aug 03 02:04:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 03 02:00:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	613554	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	587048	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	301101	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155802	39.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.360%
7) Chloroethane-d5	1.558	69	132174	44.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.840%
11) 1,1-Dichloroethene-d2	2.105	63	299621	39.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.140%
21) 2-Butanone-d5	3.876	46	258507	98.744	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.740%
24) Chloroform-d	4.346	84	346179	43.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
26) 1,2-Dichloroethane-d4	5.027	65	198884	43.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.220%
32) Benzene-d6	5.047	84	686406	44.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.380%
36) 1,2-Dichloropropane-d6	6.066	67	214052	44.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	7.313	98	619066	44.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.420%
43) trans-1,3-Dichloroprop...	7.619	79	92764	43.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	8.088	63	193939	104.538	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	344775	47.997	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	233490	44.124	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	249542	42.505	ug/L	100
3) Chloromethane	1.236	50	246627	44.301	ug/L	98
5) Vinyl chloride	1.307	62	261428	45.114	ug/L	99
6) Bromomethane	1.513	94	126350	42.045	ug/L	99
8) Chloroethane	1.577	64	155902	50.213	ug/L	98
9) Trichlorofluoromethane	1.748	101	323673	42.394	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	181987	41.562	ug/L	99
12) 1,1-Dichloroethene	2.114	96	184490	43.363	ug/L	94
13) Acetone	2.162	43	202541	91.621	ug/L	99
14) Carbon disulfide	2.288	76	531325	41.933	ug/L	100
15) Methyl Acetate	2.426	43	232573	48.358	ug/L	99
16) Methylene chloride	2.500	84	244450	45.328	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	204650	45.190	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	628988	48.349	ug/L	99
19) 1,1-Dichloroethane	3.185	63	377620	45.537	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	224974	46.800	ug/L	99
22) 2-Butanone	3.957	43	309101	101.469	ug/L	99
23) Bromochloromethane	4.243	128	126240	46.221	ug/L	98
25) Chloroform	4.368	83	402091	46.052	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	287806	47.609	ug/L	98
29) Cyclohexane	4.674	56	250244	42.104	ug/L	96
30) 1,1,1-Trichloroethane	4.603	97	335361	45.557	ug/L	99
31) Carbon tetrachloride	4.822	117	281246	44.431	ug/L	99
33) Benzene	5.095	78	870280	48.335	ug/L	100
34) Trichloroethene	5.912	95	211043	45.578	ug/L	98
35) Methylcyclohexane	6.127	83	296138	43.093	ug/L	98
37) 1,2-Dichloropropane	6.169	63	233251	49.347	ug/L	99
38) Bromodichloromethane	6.506	83	302346	48.290	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	311525	46.980	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	611467	109.455	ug/L	99
42) Toluene	7.384	91	918808	49.466	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	306041	48.036	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	243876	49.081	ug/L	99
46) Tetrachloroethene	7.973	164	156376	44.235	ug/L	95
48) 2-Hexanone	8.136	43	487514	112.241	ug/L	99
49) Dibromochloromethane	8.243	129	251759	48.809	ug/L	100
50) 1,2-Dibromoethane	8.349	107	252810	49.145	ug/L	98
51) Chlorobenzene	8.879	112	596362	46.395	ug/L	99
52) Ethylbenzene	9.011	91	899082	47.231	ug/L	100
53) m,p-Xylene	9.136	106	360459	48.272	ug/L	99
54) o-Xylene	9.542	106	354124	48.446	ug/L	98
55) Styrene	9.558	104	653414	51.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	396385	49.197	ug/L	99
59) Bromoform	9.728	173	171411	49.310	ug/L	100
60) Isopropylbenzene	9.931	105	881175	47.695	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	310566	49.680	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	370984	46.359	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	300393	46.460	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	434275	47.694	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	445062	46.334	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	463544	48.479	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	85153	50.914	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	295719	45.777	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	253626	46.759	ug/L	99
71) Naphthalene	13.500	128	921943	51.743	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	294472	49.645	ug/L	100

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

