

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027171.D
 Acq On : 02 Aug 2022 14:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050324

Quant Time: Aug 03 01:17:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 04:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	656683	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	645288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	355002	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	168266	39.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.080%
7) Chloroethane-d5	1.561	69	133687	41.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	2.105	63	337042	41.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.180%
21) 2-Butanone-d5	3.876	46	257868	92.031	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.030%
24) Chloroform-d	4.339	84	374091	43.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
26) 1,2-Dichloroethane-d4	5.024	65	212448	43.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
32) Benzene-d6	5.043	84	735221	43.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	6.063	67	227849	43.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.280%
41) Toluene-d8	7.310	98	687465	44.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	7.619	79	102816	44.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.700%
47) 2-Hexanone-d5	8.085	63	196082	96.154	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.150%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	358765	45.437	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	11.622	152	268201	42.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	290880	46.292	ug/L	100
3) Chloromethane	1.236	50	255276	42.843	ug/L	99
5) Vinyl chloride	1.307	62	276796	44.629	ug/L	99
6) Bromomethane	1.516	94	137621	42.788	ug/L	99
8) Chloroethane	1.577	64	151032	45.450	ug/L	99
9) Trichlorofluoromethane	1.748	101	366718	44.878	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	221317	47.225	ug/L	99
12) 1,1-Dichloroethene	2.111	96	200385	44.005	ug/L	96
13) Acetone	2.169	43	242716	102.584	ug/L	100
14) Carbon disulfide	2.288	76	589177	43.445	ug/L	99
15) Methyl Acetate	2.426	43	222395	43.205	ug/L	100
16) Methylene chloride	2.500	84	250250	43.356	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	216045	44.573	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	626359	44.985	ug/L	100
19) 1,1-Dichloroethane	3.182	63	392468	44.219	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	232499	45.189	ug/L	100
22) 2-Butanone	3.960	43	315847	96.874	ug/L	97
23) Bromochloromethane	4.239	128	129299	44.232	ug/L	99
25) Chloroform	4.368	83	418114	44.742	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	300028	46.371	ug/L	99
29) Cyclohexane	4.670	56	310158	47.474	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	367451	45.411	ug/L	99
31) Carbon tetrachloride	4.821	117	318208	45.733	ug/L	99
33) Benzene	5.092	78	927178	46.848	ug/L	100
34) Trichloroethene	5.908	95	227263	44.652	ug/L	98
35) Methylcyclohexane	6.127	83	372266	49.282	ug/L	100
37) 1,2-Dichloropropane	6.169	63	239967	46.185	ug/L	99
38) Bromodichloromethane	6.503	83	312247	45.370	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	340374	46.698	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	586132	95.450	ug/L	100
42) Toluene	7.384	91	986593	48.322	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	330009	47.123	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	247305	45.279	ug/L	98
46) Tetrachloroethene	7.972	164	183954	47.340	ug/L	98
48) 2-Hexanone	8.136	43	471163	98.686	ug/L	99
49) Dibromochloromethane	8.243	129	257054	45.338	ug/L	99
50) 1,2-Dibromoethane	8.349	107	255562	45.196	ug/L	100
51) Chlorobenzene	8.879	112	647703	45.841	ug/L	99
52) Ethylbenzene	9.011	91	1012430	48.385	ug/L	99
53) m,p-Xylene	9.136	106	408244	49.737	ug/L	99
54) o-Xylene	9.542	106	390688	48.624	ug/L	99
55) Styrene	9.558	104	727282	52.080	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	403797	45.593	ug/L	99
59) Bromoform	9.728	173	171373	41.814	ug/L	99
60) Isopropylbenzene	9.931	105	1021582	46.899	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	307946	41.781	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	425369	45.084	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	343796	45.099	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	491172	45.752	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	514779	45.455	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	504955	44.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	81339	41.249	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	346736	45.525	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	292188	45.689	ug/L	99
71) Naphthalene	13.500	128	942820	44.881	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	331784	47.442	ug/L	100

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

