

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026992.D
 Acq On : 27 Jul 2022 08:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050311

Quant Time: Jul 27 08:30:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	517032	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	523802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	289065	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	211502	48.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.540%
7) Chloroethane-d5	1.564	69	181416	51.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.420%
11) 1,1-Dichloroethene-d2	2.105	63	379798	48.683	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.360%
21) 2-Butanone-d5	3.886	46	309148	105.767	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.770%
24) Chloroform-d	4.342	84	440122	51.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
26) 1,2-Dichloroethane-d4	5.027	65	255367	52.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
32) Benzene-d6	5.047	84	860205	54.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.660%
36) 1,2-Dichloropropane-d6	6.066	67	264744	51.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.760%
41) Toluene-d8	7.313	98	772200	55.740	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.480%
43) trans-1,3-Dichloroprop...	7.619	79	102418	47.903	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.800%
47) 2-Hexanone-d5	8.088	63	223408	100.556	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	405808	52.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.700%
66) 1,2-Dichlorobenzene-d4	11.622	152	295276	54.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	228269	42.737	ug/L	99
3) Chloromethane	1.240	50	229954	46.037	ug/L	100
5) Vinyl chloride	1.307	62	247573	46.626	ug/L	99
6) Bromomethane	1.519	94	157772	49.175	ug/L	98
8) Chloroethane	1.580	64	159379	51.083	ug/L	98
9) Trichlorofluoromethane	1.748	101	344454	47.071	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	197460	46.138	ug/L	99
12) 1,1-Dichloroethene	2.114	96	192883	48.249	ug/L	95
13) Acetone	2.179	43	217170	105.816	ug/L	98
14) Carbon disulfide	2.288	76	521299	45.704	ug/L	99
15) Methyl Acetate	2.433	43	233711	51.628	ug/L	99
16) Methylene chloride	2.503	84	256757	50.386	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	208560	49.374	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	643457	54.836	ug/L	100
19) 1,1-Dichloroethane	3.185	63	399859	51.399	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	231038	51.899	ug/L	98
22) 2-Butanone	3.969	43	310063	110.772	ug/L	100
23) Bromochloromethane	4.243	128	133717	52.457	ug/L	96
25) Chloroform	4.371	83	425970	51.339	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	302127	51.603	ug/L	99
29) Cyclohexane	4.674	56	273741	49.976	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	354543	51.230	ug/L	98
31) Carbon tetrachloride	4.825	117	307268	50.709	ug/L	99
33) Benzene	5.095	78	911649	54.120	ug/L	100
34) Trichloroethene	5.912	95	216897	50.107	ug/L	98
35) Methylcyclohexane	6.127	83	308147	48.079	ug/L	99
37) 1,2-Dichloropropane	6.169	63	236432	53.928	ug/L	100
38) Bromodichloromethane	6.506	83	310100	52.184	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	293239	48.194	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	589672	113.020	ug/L	99
42) Toluene	7.384	91	948383	55.158	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	286702	47.781	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	248818	53.293	ug/L	99
46) Tetrachloroethene	7.973	164	185360	54.894	ug/L	98
48) 2-Hexanone	8.136	43	467769	115.194	ug/L	98
49) Dibromochloromethane	8.243	129	258362	52.944	ug/L	99
50) 1,2-Dibromoethane	8.349	107	253716	53.114	ug/L	99
51) Chlorobenzene	8.879	112	613543	51.194	ug/L	100
52) Ethylbenzene	9.011	91	951336	53.305	ug/L	99
53) m,p-Xylene	9.136	106	382981	54.805	ug/L	98
54) o-Xylene	9.542	106	371384	55.181	ug/L	99
55) Styrene	9.558	104	686291	57.738	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	400095	53.087	ug/L	99
59) Bromoform	9.728	173	173670	53.776	ug/L	99
60) Isopropylbenzene	9.931	105	955081	55.909	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	313133	53.984	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	773594	55.720	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	787312	56.536	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	461627	52.890	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	472297	51.068	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	484986	54.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	79105	51.046	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	296353	47.962	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	246250	47.300	ug/L	99
71) Naphthalene	13.500	128	808622	49.392	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	283831	52.265	ug/L	99

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

