

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026910.D
 Acq On : 23 Jul 2022 01:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050305

Quant Time: Jul 23 05:00:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	582923	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	586616	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	320237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	226631	46.355	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.720%
7) Chloroethane-d5	1.561	69	185349	46.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.720%
11) 1,1-Dichloroethene-d2	2.102	63	408846	46.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.960%
21) 2-Butanone-d5	3.880	46	360058	109.260	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.260%
24) Chloroform-d	4.343	84	471090	48.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	5.027	65	270751	49.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
32) Benzene-d6	5.044	84	926188	52.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
36) 1,2-Dichloropropane-d6	6.066	67	294878	51.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.200%
41) Toluene-d8	7.314	98	829523	53.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.940%
43) trans-1,3-Dichloroprop...	7.619	79	116740	48.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.520%
47) 2-Hexanone-d5	8.085	63	282730	113.630	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.630%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	443220	51.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	311945	51.923	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	263705	43.790	ug/L	99
3) Chloromethane	1.240	50	255278	45.330	ug/L	100
5) Vinyl chloride	1.307	62	273241	45.644	ug/L	100
6) Bromomethane	1.516	94	165901	45.864	ug/L	100
8) Chloroethane	1.581	64	159572	45.363	ug/L	99
9) Trichlorofluoromethane	1.745	101	370781	44.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	209369	43.390	ug/L	98
12) 1,1-Dichloroethene	2.111	96	204187	45.303	ug/L	96
13) Acetone	2.175	43	226353	97.824	ug/L	98
14) Carbon disulfide	2.288	76	583451	45.371	ug/L	100
15) Methyl Acetate	2.429	43	250990	49.178	ug/L	100
16) Methylene chloride	2.500	84	265151	46.151	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	221071	46.420	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	668947	50.564	ug/L	100
19) 1,1-Dichloroethane	3.185	63	415620	47.386	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	246428	49.099	ug/L	99
22) 2-Butanone	3.963	43	337880	107.065	ug/L	100
23) Bromochloromethane	4.243	128	135741	47.231	ug/L	99
25) Chloroform	4.368	83	441310	47.176	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	307666	46.609	ug/L	100
29) Cyclohexane	4.674	56	308700	50.323	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	373475	48.187	ug/L	99
31) Carbon tetrachloride	4.822	117	317512	46.789	ug/L	100
33) Benzene	5.095	78	965730	51.191	ug/L	100
34) Trichloroethene	5.908	95	229983	47.441	ug/L	99
35) Methylcyclohexane	6.127	83	343785	47.896	ug/L	99
37) 1,2-Dichloropropane	6.169	63	251642	51.252	ug/L	100
38) Bromodichloromethane	6.506	83	318920	47.921	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	318672	46.766	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	641060	109.713	ug/L	99
42) Toluene	7.384	91	1001814	52.027	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	304188	45.267	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	258056	49.353	ug/L	98
46) Tetrachloroethene	7.973	164	177120	46.837	ug/L	97
48) 2-Hexanone	8.137	43	505759	111.213	ug/L	97
49) Dibromochloromethane	8.243	129	260310	47.631	ug/L	100
50) 1,2-Dibromoethane	8.349	107	263460	49.248	ug/L	99
51) Chlorobenzene	8.879	112	647527	48.244	ug/L	99
52) Ethylbenzene	9.011	91	1019641	51.014	ug/L	99
53) m,p-Xylene	9.137	106	405340	51.793	ug/L	98
54) o-Xylene	9.542	106	391837	51.986	ug/L	99
55) Styrene	9.558	104	718851	54.002	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	418289	49.558	ug/L	99
59) Bromoform	9.728	173	174122	48.667	ug/L	99
60) Isopropylbenzene	9.931	105	1012333	53.492	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	323392	50.326	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	819380	53.273	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	835007	54.124	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	481121	49.758	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	496314	48.441	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	502383	50.641	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	83979	48.916	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	317571	46.393	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	265813	46.088	ug/L	100
71) Naphthalene	13.500	128	943803	52.038	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	302086	50.212	ug/L	100

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

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