

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080322\
 Data File : VW027203.D
 Acq On : 03 Aug 2022 19:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050327

Quant Time: Aug 04 03:06:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 04 02:57:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	558847	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	545665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	289801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	141012	38.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.860%
7) Chloroethane-d5	1.558	69	125202	46.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.101	63	288261	41.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.600%
21) 2-Butanone-d5	3.873	46	252213	105.771	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.770%
24) Chloroform-d	4.343	84	340272	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	5.027	65	194528	46.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.660%
32) Benzene-d6	5.047	84	646117	44.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
36) 1,2-Dichloropropane-d6	6.066	67	205431	45.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.980%
41) Toluene-d8	7.314	98	605057	46.481	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	7.619	79	91850	46.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.700%
47) 2-Hexanone-d5	8.088	63	188315	109.205	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	343017	51.374	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.740%
66) 1,2-Dichlorobenzene-d4	11.622	152	236378	46.411	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	247383	46.262	ug/L	99
3) Chloromethane	1.237	50	228319	45.028	ug/L	99
5) Vinyl chloride	1.307	62	245199	46.456	ug/L	100
6) Bromomethane	1.513	94	113855	41.596	ug/L	100
8) Chloroethane	1.577	64	147922	52.307	ug/L	98
9) Trichlorofluoromethane	1.745	101	327264	47.061	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	185745	46.573	ug/L	100
12) 1,1-Dichloroethene	2.111	96	174751	45.095	ug/L	97
13) Acetone	2.163	43	199472	99.066	ug/L	100
14) Carbon disulfide	2.288	76	512144	44.376	ug/L	99
15) Methyl Acetate	2.426	43	223411	51.001	ug/L	99
16) Methylene chloride	2.500	84	238665	48.588	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	192091	46.570	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	577890	48.770	ug/L	99
19) 1,1-Dichloroethane	3.185	63	362408	47.980	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	213703	48.807	ug/L	99
22) 2-Butanone	3.957	43	300764	108.397	ug/L	98
23) Bromochloromethane	4.243	128	120070	48.266	ug/L	97
25) Chloroform	4.372	83	390176	49.062	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	267587	48.597	ug/L	100
29) Cyclohexane	4.674	56	248903	45.054	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	331820	48.495	ug/L	98
31) Carbon tetrachloride	4.822	117	288414	49.019	ug/L	99
33) Benzene	5.095	78	833809	49.822	ug/L	100
34) Trichloroethene	5.912	95	209546	48.687	ug/L	98
35) Methylcyclohexane	6.127	83	301703	47.232	ug/L	100
37) 1,2-Dichloropropane	6.169	63	227649	51.814	ug/L	100
38) Bromodichloromethane	6.506	83	290670	49.946	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	303025	49.164	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	574753	110.686	ug/L	100
42) Toluene	7.384	91	898865	52.063	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	294172	49.675	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	233457	50.548	ug/L	99
46) Tetrachloroethene	7.973	164	161990	49.298	ug/L	97
48) 2-Hexanone	8.137	43	462116	114.462	ug/L	100
49) Dibromochloromethane	8.243	129	246160	51.343	ug/L	99
50) 1,2-Dibromoethane	8.349	107	240480	50.293	ug/L	98
51) Chlorobenzene	8.879	112	587566	49.177	ug/L	99
52) Ethylbenzene	9.011	91	896815	50.685	ug/L	100
53) m,p-Xylene	9.137	106	367409	52.934	ug/L	99
54) o-Xylene	9.542	106	348923	51.355	ug/L	96
55) Styrene	9.558	104	654081	55.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	387161	51.696	ug/L	99
59) Bromoform	9.728	173	165801	49.556	ug/L	99
60) Isopropylbenzene	9.931	105	893604	50.253	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	302442	50.267	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	363229	47.160	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	293816	47.214	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	434019	49.525	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	450083	48.683	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	456720	49.628	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	80697	50.131	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	293570	47.217	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	245611	47.047	ug/L	99
71) Naphthalene	13.500	128	873554	50.939	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	289654	50.736	ug/L	100

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

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