

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091621\
 Data File : VW022150.D
 Acq On : 16 Sep 2021 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

Quant Time: Sep 17 01:49:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 15 01:09:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	320779	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	308939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	167266	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103485	46.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.558	69	87370	50.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.720%
11) 1,1-Dichloroethene-d2	2.105	63	195798	53.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.580%
21) 2-Butanone-d5	3.873	46	160593	105.411	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.410%
24) Chloroform-d	4.349	84	216546	53.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
26) 1,2-Dichloroethane-d4	5.031	65	129365	54.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.440%
32) Benzene-d6	5.050	84	428076	51.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
36) 1,2-Dichloropropane-d6	6.069	67	133564	50.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.360%
41) Toluene-d8	7.317	98	401866	50.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.622	79	63041	50.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.520%
47) 2-Hexanone-d5	8.088	63	109283	108.080	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	188810	55.944	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.880%
66) 1,2-Dichlorobenzene-d4	11.625	152	164178	49.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	87242	39.566	ug/L	100
3) Chloromethane	1.240	50	93394	40.000	ug/L	96
5) Vinyl chloride	1.311	62	98630	41.911	ug/L	100
6) Bromomethane	1.510	94	66065	46.693	ug/L	97
8) Chloroethane	1.577	64	67797	46.052	ug/L	100
9) Trichlorofluoromethane	1.748	101	161587	48.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101579	51.678	ug/L	98
12) 1,1-Dichloroethene	2.114	96	91261	49.322	ug/L	96
13) Acetone	2.159	43	153573	120.308	ug/L #	74
14) Carbon disulfide	2.291	76	229479	41.102	ug/L	100
15) Methyl Acetate	2.426	43	120943	48.652	ug/L	98
16) Methylene chloride	2.503	84	117865	47.545	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	103273	46.161	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	347280	48.849	ug/L	99
19) 1,1-Dichloroethane	3.188	63	197228	49.498	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	118925	47.761	ug/L	97
22) 2-Butanone	3.954	43	192937	107.527	ug/L	100
23) Bromochloromethane	4.246	128	63484	47.874	ug/L	97
25) Chloroform	4.375	83	208658	49.469	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	147729	52.248	ug/L	100
29) Cyclohexane	4.677	56	154944	44.866	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	180968	49.287	ug/L	99
31) Carbon tetrachloride	4.828	117	155696	49.355	ug/L	99
33) Benzene	5.098	78	436297	48.540	ug/L	100
34) Trichloroethene	5.915	95	116853	45.896	ug/L	99
35) Methylcyclohexane	6.130	83	167698	45.056	ug/L	98
37) 1,2-Dichloropropane	6.172	63	115173	49.432	ug/L	99
38) Bromodichloromethane	6.510	83	152614	51.220	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	178016	49.487	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	323161	102.308	ug/L	99
42) Toluene	7.387	91	473457	48.805	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	170161	50.825	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	118139	49.833	ug/L	99
46) Tetrachloroethene	7.976	164	91492	46.215	ug/L	98
48) 2-Hexanone	8.140	43	265521	108.340	ug/L	98
49) Dibromochloromethane	8.249	129	132630	52.265	ug/L	98
50) 1,2-Dibromoethane	8.352	107	124976	49.120	ug/L	99
51) Chlorobenzene	8.883	112	312859	47.967	ug/L	98
52) Ethylbenzene	9.014	91	504930	48.082	ug/L	98
53) m,p-Xylene	9.140	106	198789	48.702	ug/L	98
54) o-Xylene	9.545	106	197736	48.961	ug/L	98
55) Styrene	9.561	104	345694	50.156	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	184989	53.856	ug/L	100
59) Bromoform	9.731	173	94011	52.918	ug/L	100
60) Isopropylbenzene	9.934	105	525574	50.006	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	149273	51.492	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	438259	49.669	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	448778	50.039	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	254617	47.714	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	258198	47.284	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	264351	49.890	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	37709	53.973	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	188391	47.213	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	156096	44.470	ug/L	99
71) Naphthalene	13.503	128	454574	45.020	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	163979	47.895	ug/L	97

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

