

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062921\
 Data File : VW021580.D
 Acq On : 29 Jun 2021 15:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050176

Quant Time: Jun 30 04:37:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 04:11:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	489885	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	460326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	247596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137206	44.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.540%
7) Chloroethane-d5	1.558	69	113379	44.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	2.105	63	257385	45.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.780%
21) 2-Butanone-d5	3.870	46	238571	90.125	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.120%
24) Chloroform-d	4.346	84	297322	45.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	5.031	65	176827	46.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
32) Benzene-d6	5.050	84	597611	46.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	6.069	67	185918	45.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.317	98	552281	46.204	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.622	79	92087	45.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
47) 2-Hexanone-d5	8.085	63	175271	92.690	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.690%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259252	47.202	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	226728	45.932	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	201906	47.652	ug/L	100
3) Chloromethane	1.243	50	197389	48.389	ug/L	99
5) Vinyl chloride	1.311	62	186599	46.207	ug/L	99
6) Bromomethane	1.507	94	115107	48.913	ug/L	100
8) Chloroethane	1.577	64	106621	45.923	ug/L	99
9) Trichlorofluoromethane	1.748	101	249590	49.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	140912	48.397	ug/L	98
12) 1,1-Dichloroethene	2.114	96	128317	45.865	ug/L	98
13) Acetone	2.156	43	196365	89.729	ug/L #	100
14) Carbon disulfide	2.291	76	446718	45.289	ug/L	99
15) Methyl Acetate	2.423	43	184801	45.443	ug/L	100
16) Methylene chloride	2.503	84	177875	46.835	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	160579	47.047	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	516396	46.713	ug/L	99
19) 1,1-Dichloroethane	3.188	63	293311	47.176	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	176450	46.490	ug/L	96
22) 2-Butanone	3.954	43	283095	93.668	ug/L	100
23) Bromochloromethane	4.246	128	94186	47.015	ug/L	97
25) Chloroform	4.375	83	297015	46.858	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	216877	47.041	ug/L	99
29) Cyclohexane	4.677	56	272548	46.889	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	270729	46.780	ug/L	99
31) Carbon tetrachloride	4.828	117	234537	46.017	ug/L	98
33) Benzene	5.098	78	658814	47.028	ug/L	100
34) Trichloroethene	5.915	95	176338	46.566	ug/L	98
35) Methylcyclohexane	6.130	83	289356	48.130	ug/L	100
37) 1,2-Dichloropropane	6.175	63	167244	45.929	ug/L	100
38) Bromodichloromethane	6.510	83	228278	46.389	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	273407	45.532	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	493392	92.305	ug/L	99
42) Toluene	7.387	91	713863	47.574	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	265879	47.414	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	169130	47.280	ug/L	99
46) Tetrachloroethene	7.976	164	141118	46.855	ug/L	99
48) 2-Hexanone	8.137	43	395464	93.601	ug/L	97
49) Dibromochloromethane	8.246	129	192103	46.630	ug/L	100
50) 1,2-Dibromoethane	8.352	107	181224	46.205	ug/L	98
51) Chlorobenzene	8.883	112	461054	47.216	ug/L	97
52) Ethylbenzene	9.014	91	782735	48.015	ug/L	99
53) m,p-Xylene	9.140	106	299053	47.803	ug/L	96
54) o-Xylene	9.545	106	298693	47.857	ug/L	100
55) Styrene	9.561	104	510075	48.365	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	270578	48.523	ug/L	100
59) Bromoform	9.731	173	143286	45.025	ug/L	99
60) Isopropylbenzene	9.934	105	790445	46.805	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	213294	44.563	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	678000	47.107	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	693102	47.585	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	373456	47.027	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	375778	47.343	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	375028	47.124	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	62971	44.380	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	277522	46.764	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	245385	48.079	ug/L	100
71) Naphthalene	13.503	128	751874	48.371	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	240943	47.797	ug/L	98

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

