

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022417.D
 Acq On : 30 Sep 2021 07:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

Quant Time: Sep 30 07:59:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	241526	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	240138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87631	42.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.500%
7) Chloroethane-d5	1.564	69	75392	46.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.105	63	168702	47.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.680%
21) 2-Butanone-d5	3.899	46	166861	115.350	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.350%
24) Chloroform-d	4.349	84	184766	49.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	5.034	65	112068	49.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
32) Benzene-d6	5.050	84	367960	48.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
36) 1,2-Dichloropropane-d6	6.072	67	118593	49.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.140%
41) Toluene-d8	7.317	98	351499	50.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
43) trans-1,3-Dichloroprop...	7.622	79	52303	47.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
47) 2-Hexanone-d5	8.091	63	113945	116.028	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	179879	51.272	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.540%
66) 1,2-Dichlorobenzene-d4	11.625	152	143715	50.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	115471	50.167	ug/L	99
3) Chloromethane	1.240	50	118256	50.237	ug/L	100
5) Vinyl chloride	1.307	62	114584	52.158	ug/L	96
6) Bromomethane	1.519	94	63846	45.275	ug/L	99
8) Chloroethane	1.581	64	70860	52.900	ug/L	98
9) Trichlorofluoromethane	1.748	101	154757	51.885	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	83554	49.963	ug/L	98
12) 1,1-Dichloroethene	2.114	96	84098	52.937	ug/L	87
13) Acetone	2.198	43	103376	91.052	ug/L	100
14) Carbon disulfide	2.291	76	253195	51.077	ug/L	100
15) Methyl Acetate	2.439	43	115087	54.385	ug/L	98
16) Methylene chloride	2.503	84	109412	49.417	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	94333	51.488	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	291086	53.427	ug/L	99
19) 1,1-Dichloroethane	3.188	63	170305	51.498	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	99859	51.175	ug/L	96
22) 2-Butanone	3.982	43	153827	102.995	ug/L	94
23) Bromochloromethane	4.249	128	56427	53.340	ug/L	95
25) Chloroform	4.375	83	173417	50.905	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	127805	52.758	ug/L	100
29) Cyclohexane	4.677	56	142580	50.670	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	150926	52.363	ug/L	99
31) Carbon tetrachloride	4.828	117	132647	52.256	ug/L	97
33) Benzene	5.098	78	386557	52.748	ug/L	100
34) Trichloroethene	5.915	95	97569	51.771	ug/L	98
35) Methylcyclohexane	6.133	83	133606	46.018	ug/L	94
37) 1,2-Dichloropropane	6.175	63	101518	53.977	ug/L	100
38) Bromodichloromethane	6.510	83	123744	51.458	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	141548	51.133	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	301820	114.046	ug/L	100
42) Toluene	7.387	91	426925	54.577	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	132200	50.017	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	104331	54.506	ug/L	98
46) Tetrachloroethene	7.976	164	82800	53.359	ug/L	97
48) 2-Hexanone	8.143	43	230881	114.876	ug/L	99
49) Dibromochloromethane	8.249	129	112216	55.403	ug/L	98
50) 1,2-Dibromoethane	8.355	107	110800	54.154	ug/L	96
51) Chlorobenzene	8.882	112	270849	52.630	ug/L	98
52) Ethylbenzene	9.014	91	438014	53.459	ug/L	100
53) m,p-Xylene	9.140	106	171300	54.288	ug/L	100
54) o-Xylene	9.545	106	170863	55.729	ug/L	100
55) Styrene	9.561	104	300143	56.307	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	162244	51.208	ug/L	97
59) Bromoform	9.735	173	77670	53.779	ug/L	99
60) Isopropylbenzene	9.934	105	435780	54.956	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	129254	53.817	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	361357	55.299	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	365786	55.471	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	211107	52.517	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	213156	52.060	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	218234	53.164	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34343	54.154	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	144687	49.895	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	122272	49.832	ug/L	99
71) Naphthalene	13.503	128	433421	57.651	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	137904	54.435	ug/L	99

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

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