

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102121\
 Data File : VW022958.D
 Acq On : 21 Oct 2021 14:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050363

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:49:23 AM

Quant Time: Oct 22 03:54:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 22 03:48:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	306274	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	299248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	176184	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	107225	56.608	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.220%
7) Chloroethane-d5	1.564	69	59319	39.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.680%
11) 1,1-Dichloroethene-d2	2.111	63	152967	40.956	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
21) 2-Butanone-d5	3.879	46	125296	120.171	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.170%
24) Chloroform-d	4.349	84	184992	53.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.900%
26) 1,2-Dichloroethane-d4	5.034	65	108313	53.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.900%
32) Benzene-d6	5.050	84	366647	52.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.780%
36) 1,2-Dichloropropane-d6	6.069	67	113512	53.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.380%
41) Toluene-d8	7.316	98	349869	55.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.040%
43) trans-1,3-Dichloroprop...	7.622	79	54876	54.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.700%
47) 2-Hexanone-d5	8.088	63	92706	104.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	160654	54.135	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	143262	49.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	149353	48.760	ug/L	99
3) Chloromethane	1.240	50	145289	47.701	ug/L	99
5) Vinyl chloride	1.310	62	148609	51.473	ug/L	99
6) Bromomethane	1.519	94	66826	33.151	ug/L	99
8) Chloroethane	1.584	64	67226	38.179	ug/L	99
9) Trichlorofluoromethane	1.751	101	178797	45.089	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	91848	40.918	ug/L	96
12) 1,1-Dichloroethene	2.117	96	83855	39.195	ug/L	99
13) Acetone	2.169	43	124745m	94.713	ug/L	
14) Carbon disulfide	2.294	76	288279	44.607	ug/L	99
15) Methyl Acetate	2.429	43	127325	52.993	ug/L	96
16) Methylene chloride	2.506	84	134353	49.982	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	119933	51.067	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	354117	48.839	ug/L	99
19) 1,1-Dichloroethane	3.191	63	218150	52.496	ug/L	99
20) cis-1,2-Dichloroethene	3.911	96	128722	51.448	ug/L	97
22) 2-Butanone	3.963	43	179278	103.377	ug/L	82
23) Bromochloromethane	4.249	128	72576	52.799	ug/L	98
25) Chloroform	4.374	83	223672	53.489	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	160032	52.851	ug/L	97
29) Cyclohexane	4.680	56	188697	54.099	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	194385	52.000	ug/L	99
31) Carbon tetrachloride	4.828	117	173732	52.902	ug/L	98
33) Benzene	5.101	78	492844	53.339	ug/L	100
34) Trichloroethene	5.915	95	128408	53.226	ug/L	98
35) Methylcyclohexane	6.133	83	201216	55.006	ug/L	97
37) 1,2-Dichloropropane	6.175	63	129094	54.569	ug/L	99
38) Bromodichloromethane	6.509	83	160384	52.193	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	190506	53.546	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	323081	97.196	ug/L	99
42) Toluene	7.387	91	534434	54.909	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	187633	54.776	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	125198	51.125	ug/L	98
46) Tetrachloroethene	7.976	164	108994	53.967	ug/L	97
48) 2-Hexanone	8.140	43	259097	101.914	ug/L	99
49) Dibromochloromethane	8.246	129	141610	53.436	ug/L	99
50) 1,2-Dibromoethane	8.352	107	134891	51.161	ug/L	97
51) Chlorobenzene	8.882	112	344743	53.251	ug/L	100
52) Ethylbenzene	9.014	91	560867	55.368	ug/L	100
53) m,p-Xylene	9.140	106	223287	55.635	ug/L	100
54) o-Xylene	9.545	106	214205	54.782	ug/L	99
55) Styrene	9.561	104	384550	57.308	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	196184	51.833	ug/L	99
59) Bromoform	9.731	173	101881	46.766	ug/L	99
60) Isopropylbenzene	9.934	105	566876	50.571	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152764	45.593	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	475382	50.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	487945	52.005	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	289608	50.925	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	298546	50.548	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	289126	49.748	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	39683	43.227	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	219657	51.983	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	195475	51.444	ug/L	98
71) Naphthalene	13.503	128	619733	49.530	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	203651	51.855	ug/L	99

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

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