

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060222\
 Data File : VW025990.D
 Acq On : 02 Jun 2022 17:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050298

Quant Time: Jun 03 00:09:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 03 00:06:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2022
 Supervised By : Mahesh Dadoda 06/06/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	344113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	348855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	193493	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	163597	36.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.680%
7) Chloroethane-d5	1.571	69	140424	36.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.020%
11) 1,1-Dichloroethene-d2	2.111	63	315888	40.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.340%
21) 2-Butanone-d5	3.899	46	193900	101.865	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.860%
24) Chloroform-d	4.349	84	288201	46.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	5.034	65	168940	45.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
32) Benzene-d6	5.050	84	567985	46.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	179535	48.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	7.313	98	531988	47.476	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	7.622	79	79175	47.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
47) 2-Hexanone-d5	8.088	63	146865	107.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	260005	52.196	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	204233	48.118	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	156115	43.879	ug/L	99
3) Chloromethane	1.243	50	183092	42.551	ug/L	99
5) Vinyl chloride	1.314	62	197943	45.249	ug/L	99
6) Bromomethane	1.526	94	116481	43.820	ug/L	99
8) Chloroethane	1.587	64	129060	39.504	ug/L	98
9) Trichlorofluoromethane	1.754	101	284200	45.715	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	160536	48.604	ug/L	98
12) 1,1-Dichloroethene	2.117	96	153461	47.239	ug/L	98
13) Acetone	2.188	43	140341m	108.041	ug/L	
14) Carbon disulfide	2.294	76	366685	45.634	ug/L	100
15) Methyl Acetate	2.439	43	138526	49.777	ug/L	98
16) Methylene chloride	2.507	84	160251	50.928	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	139518	49.988	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	449502	55.376	ug/L	98
19) 1,1-Dichloroethane	3.191	63	269459	51.689	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	158457	52.597	ug/L	100
22) 2-Butanone	3.982	43	182609	105.416	ug/L	94
23) Bromochloromethane	4.249	128	84309	52.982	ug/L	97
25) Chloroform	4.378	83	282998	51.229	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	210915	50.500	ug/L	98
29) Cyclohexane	4.680	56	221907	52.542	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	243310	51.355	ug/L	98
31) Carbon tetrachloride	4.828	117	200300	50.357	ug/L	100
33) Benzene	5.098	78	620809	52.851	ug/L	100
34) Trichloroethene	5.915	95	154263	50.210	ug/L	97
35) Methylcyclohexane	6.133	83	243223	52.858	ug/L	100
37) 1,2-Dichloropropane	6.172	63	162024	54.909	ug/L	100
38) Bromodichloromethane	6.510	83	209417	52.482	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	223852	53.198	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	412403	119.566	ug/L	98
42) Toluene	7.387	91	670131	53.180	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	218813	54.051	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	162973	54.357	ug/L	98
46) Tetrachloroethene	7.976	164	119222	52.606	ug/L	97
48) 2-Hexanone	8.140	43	318913	118.834	ug/L	96
49) Dibromochloromethane	8.246	129	157368	53.212	ug/L	100
50) 1,2-Dibromoethane	8.352	107	164230	53.865	ug/L	96
51) Chlorobenzene	8.879	112	420887	52.160	ug/L	98
52) Ethylbenzene	9.011	91	703160	54.087	ug/L	100
53) m,p-Xylene	9.136	106	273654	54.269	ug/L	99
54) o-Xylene	9.542	106	270140	54.536	ug/L	98
55) Styrene	9.558	104	485647	56.267	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	261024	58.350	ug/L	99
59) Bromoform	9.731	173	97683	52.334	ug/L	99
60) Isopropylbenzene	9.931	105	715300	55.190	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	207254	54.115	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	371781	55.651	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	585649	56.501	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	331905	54.100	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	341187	53.067	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	340185	53.609	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	47767	54.022	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	228968	54.053	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	199048	55.182	ug/L	99
71) Naphthalene	13.500	128	680596	63.711	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	214763	58.426	ug/L	99

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

Manual Integrations

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