

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092122\
 Data File : VW028030.D
 Acq On : 21 Sep 2022 21:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050346

Quant Time: Sep 22 03:26:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 03:03:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	361846	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	346933	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	186445	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	112256	35.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.680%
7) Chloroethane-d5	1.558	69	102528	40.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.102	63	230817	41.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.040%
21) 2-Butanone-d5	3.876	46	222950	118.029	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.030%
24) Chloroform-d	4.339	84	255836	47.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.940%
26) 1,2-Dichloroethane-d4	5.024	65	162292	46.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
32) Benzene-d6	5.044	84	469112	46.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
36) 1,2-Dichloropropane-d6	6.063	67	146410	47.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.840%
41) Toluene-d8	7.310	98	422414	46.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.260%
43) trans-1,3-Dichloroprop...	7.619	79	71379	46.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.460%
47) 2-Hexanone-d5	8.085	63	175747	116.182	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	226902	49.925	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.840%
66) 1,2-Dichlorobenzene-d4	11.622	152	171565	47.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	124367	45.448	ug/L	98
3) Chloromethane	1.237	50	146456	45.819	ug/L	100
5) Vinyl chloride	1.304	62	155219	47.760	ug/L	100
6) Bromomethane	1.516	94	105744	49.841	ug/L	99
8) Chloroethane	1.577	64	103083	50.083	ug/L	96
9) Trichlorofluoromethane	1.745	101	236811	49.465	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	127759	48.644	ug/L	100
12) 1,1-Dichloroethene	2.108	96	127020	48.382	ug/L	86
13) Acetone	2.169	43	167700	99.619	ug/L	98
14) Carbon disulfide	2.285	76	333641	48.026	ug/L	100
15) Methyl Acetate	2.426	43	162682	55.945	ug/L	98
16) Methylene chloride	2.497	84	145748	47.349	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	125840	50.363	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	417108	53.178	ug/L	99
19) 1,1-Dichloroethane	3.182	63	261484	54.172	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	141802m	50.883	ug/L	
22) 2-Butanone	3.963	43	230151	114.848	ug/L	99
23) Bromochloromethane	4.240	128	75796	50.396	ug/L	97
25) Chloroform	4.368	83	269391	52.276	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	208527	52.176	ug/L	99
29) Cyclohexane	4.667	56	202775	53.541	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	235429	55.125	ug/L	99
31) Carbon tetrachloride	4.818	117	196544	51.820	ug/L	99
33) Benzene	5.092	78	571792	55.243	ug/L	100
34) Trichloroethene	5.908	95	132500	51.659	ug/L	99
35) Methylcyclohexane	6.124	83	200438	48.418	ug/L	97
37) 1,2-Dichloropropane	6.169	63	145406	53.553	ug/L	98
38) Bromodichloromethane	6.503	83	191222	50.438	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	210725	51.251	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	471050	121.640	ug/L	100
42) Toluene	7.381	91	596354	54.370	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	206879	50.437	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	147181	53.733	ug/L	97
46) Tetrachloroethene	7.969	164	105533	49.454	ug/L	99
48) 2-Hexanone	8.137	43	380210	121.019	ug/L	99
49) Dibromochloromethane	8.243	129	158179	52.311	ug/L	96
50) 1,2-Dibromoethane	8.349	107	152090	54.143	ug/L	98
51) Chlorobenzene	8.879	112	373960	51.072	ug/L	99
52) Ethylbenzene	9.008	91	613585	51.818	ug/L	98
53) m,p-Xylene	9.137	106	241146	53.115	ug/L	99
54) o-Xylene	9.542	106	231390	52.822	ug/L	97
55) Styrene	9.558	104	411580	52.949	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	231697	50.432	ug/L	99
59) Bromoform	9.728	173	116475	53.985	ug/L	98
60) Isopropylbenzene	9.928	105	594180	53.885	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	192168	54.908	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	512008	54.298	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	516635	54.939	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	288214	51.282	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	296428	51.480	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	301221	52.745	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	58310	54.219	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	210680	47.804	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	185681	47.014	ug/L	99
71) Naphthalene	13.500	128	654731	51.637	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	202645	49.679	ug/L	100

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

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