

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027125.D
 Acq On : 30 Jul 2022 08:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050320

Quant Time: Jul 30 08:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 01:28:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 08/01/2022

Supervised By :Mahesh
 Dadoda
 08/02/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	627544	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	612679	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	331876	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	220440	36.923	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.840%		
7) Chloroethane-d5	1.565	69	192230	40.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.280%		
11) 1,1-Dichloroethene-d2	2.105	63	411997	40.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.060%		
21) 2-Butanone-d5	3.886	46	267900	78.695	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.690%		
24) Chloroform-d	4.343	84	480645	44.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.400%		
26) 1,2-Dichloroethane-d4	5.027	65	269056	44.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
32) Benzene-d6	5.044	84	950249	44.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.340%		
36) 1,2-Dichloropropane-d6	6.066	67	299410	45.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.940%		
41) Toluene-d8	7.314	98	862421	44.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.700%		
43) trans-1,3-Dichloroprop...	7.619	79	127969	43.992	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.980%		
47) 2-Hexanone-d5	8.088	63	288349	101.859	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.860%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	455591	45.886	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.780%		
66) 1,2-Dichlorobenzene-d4	11.622	152	335459	44.965	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	278050	42.692	ug/L	100
3) Chloromethane	1.237	50	279276	46.895	ug/L	98
5) Vinyl chloride	1.307	62	299236	47.370	ug/L	99
6) Bromomethane	1.520	94	166783	42.991	ug/L	98
8) Chloroethane	1.581	64	181485	48.931	ug/L	100
9) Trichlorofluoromethane	1.748	101	380852	46.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	200178	42.788	ug/L	99
12) 1,1-Dichloroethene	2.114	96	219259	47.967	ug/L	92
13) Acetone	2.175	43	201249m	79.815	ug/L	
14) Carbon disulfide	2.288	76	709953	48.956	ug/L	100
15) Methyl Acetate	2.429	43	193157	46.097	ug/L	97
16) Methylene chloride	2.503	84	271074	46.524	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	246598	49.276	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	745913	54.265	ug/L	98
19) 1,1-Dichloroethane	3.185	63	441497	50.520	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	268755	51.932	ug/L	100
22) 2-Butanone	3.970	43	229738	82.590	ug/L	83
23) Bromochloromethane	4.243	128	141092	50.611	ug/L	98
25) Chloroform	4.368	83	461343	50.072	ug/L	99

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27) 1,2-Dichloroethane	5.124	62	313840	49.501	ug/L	99
29) Cyclohexane	4.674	56	347595	52.804	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	405224	51.531	ug/L	99
31) Carbon tetrachloride	4.825	117	339551	49.600	ug/L	100
33) Benzene	5.095	78	1037407	52.541	ug/L	100
34) Trichloroethene	5.908	95	253253	49.835	ug/L	99
35) Methylcyclohexane	6.127	83	352175	46.453	ug/L	99
37) 1,2-Dichloropropane	6.169	63	261158	52.849	ug/L	100
38) Bromodichloromethane	6.506	83	344369	52.467	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	364887	51.472	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	679251	108.676	ug/L	97
42) Toluene	7.384	91	1093197	53.700	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	340334	49.381	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	267437	50.549	ug/L	98
46) Tetrachloroethene	7.973	164	194872	49.027	ug/L	98
48) 2-Hexanone	8.137	43	523820	106.348	ug/L	99
49) Dibromochloromethane	8.243	129	282789	51.974	ug/L	97
50) 1,2-Dibromoethane	8.349	107	285800	51.516	ug/L	100
51) Chlorobenzene	8.879	112	723295	52.683	ug/L	99
52) Ethylbenzene	9.011	91	1144167	55.507	ug/L	99
53) m,p-Xylene	9.137	106	452241	55.778	ug/L	99
54) o-Xylene	9.542	106	451019	57.764	ug/L	99
55) Styrene	9.558	104	779993	57.079	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	432086	50.656	ug/L	100
59) Bromoform	9.728	173	193092	51.219	ug/L	99
60) Isopropylbenzene	9.931	105	1135725	54.838	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	337232	48.451	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	502708	56.711	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	410031	57.964	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	530847	52.800	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	539229	50.897	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	541857	51.607	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	91995	50.412	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	355823	52.181	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	313528	53.719	ug/L	100
71) Naphthalene	13.500	128	1088973	53.622	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	339963	53.702	ug/L	99

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

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