

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080822\
 Data File : VW027249.D
 Acq On : 08 Aug 2022 17:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050333

Quant Time: Aug 09 02:31:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/09/2022
 Supervised By :Semsettin Yesilyurt 08/09/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	496571	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	490639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	252815	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	87841	25.946	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	51.900%#		
7) Chloroethane-d5	1.555	69	78124m	31.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.140%#		
11) 1,1-Dichloroethene-d2	2.101	63	187738	30.317	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.640%		
21) 2-Butanone-d5	3.870	46	299424	99.360	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.360%		
24) Chloroform-d	4.342	84	247880	35.744	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.480%		
26) 1,2-Dichloroethane-d4	5.027	65	156567	36.363	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.720%		
32) Benzene-d6	5.047	84	415727	35.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	70.660%		
36) 1,2-Dichloropropane-d6	6.066	67	155793	37.224	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	74.440%		
41) Toluene-d8	7.313	98	359864	35.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.760%#		
43) trans-1,3-Dichloroprop...	7.622	79	72181	39.567	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.140%		
47) 2-Hexanone-d5	8.085	63	208863	103.612	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.610%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	288875	42.354	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.700%		
66) 1,2-Dichlorobenzene-d4	11.622	152	185942	42.590	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	178785	40.473	ug/L	98
3) Chloromethane	1.236	50	216130	42.827	ug/L	98
5) Vinyl chloride	1.307	62	194321	38.653	ug/L	99
6) Bromomethane	1.506	94	87930	37.102	ug/L	98
8) Chloroethane	1.574	64	115448	41.221	ug/L	100
9) Trichlorofluoromethane	1.744	101	251316	38.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	140008	39.143	ug/L	98
12) 1,1-Dichloroethene	2.111	96	136208m	39.587	ug/L	
13) Acetone	2.156	43	202412	87.108	ug/L	85
14) Carbon disulfide	2.285	76	463129	39.549	ug/L	100
15) Methyl Acetate	2.423	43	244824m	46.323	ug/L	
16) Methylene chloride	2.500	84	194626	42.347	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	171330	44.997	ug/L	92
18) Methyl tert-butyl Ether	2.764	73	579987	51.216	ug/L #	95
19) 1,1-Dichloroethane	3.182	63	336276	43.994	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	191014	48.292	ug/L	86
22) 2-Butanone	3.953	43	337879	106.061	ug/L	99
23) Bromochloromethane	4.239	128	98174	44.447	ug/L	87
25) Chloroform	4.368	83	335641	43.451	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	256423	42.623	ug/L	97
29) Cyclohexane	4.670	56	293251	51.898	ug/L	92
30) 1,1,1-Trichloroethane	4.603	97	290906	44.733	ug/L	97
31) Carbon tetrachloride	4.821	117	245229	43.434	ug/L	100
33) Benzene	5.095	78	735469	46.647	ug/L	100
34) Trichloroethene	5.908	95	182727	45.262	ug/L	95
35) Methylcyclohexane	6.127	83	304055	51.219	ug/L	93
37) 1,2-Dichloropropane	6.169	63	203047	45.968	ug/L	100
38) Bromodichloromethane	6.506	83	257470	44.486	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	300068	51.285	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	669313	106.216	ug/L #	92
42) Toluene	7.384	91	795948	49.651	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	285966	49.735	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	194003	45.570	ug/L	99
46) Tetrachloroethene	7.972	164	140212	47.452	ug/L	98
48) 2-Hexanone	8.136	43	523280	104.266	ug/L	91
49) Dibromochloromethane	8.246	129	198031	44.005	ug/L	99
50) 1,2-Dibromoethane	8.349	107	200696	45.815	ug/L	99
51) Chlorobenzene	8.879	112	500715	46.567	ug/L	96
52) Ethylbenzene	9.011	91	841475	50.870	ug/L	100
53) m,p-Xylene	9.136	106	323341	51.722	ug/L	94
54) o-Xylene	9.541	106	323701	53.148	ug/L	98
55) Styrene	9.558	104	563832	52.552	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	323668	45.382	ug/L	100
59) Bromoform	9.731	173	131470	43.769	ug/L	99
60) Isopropylbenzene	9.931	105	836670	52.514	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	260913	44.954	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	716390	54.448	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	713301	55.340	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	384897	49.845	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	386496	47.560	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	388556	48.025	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	75095	46.118	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	267198	51.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	235447	54.659	ug/L	99
71) Naphthalene	13.500	128	850537	57.664	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	252132	52.808	ug/L	99

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

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